

User's manual  
**NAVIGON 8410**

English (United Kingdom)

August 2009



The crossed-out wheeled bin means that within the European Union the product must be taken to separate collection at the product end-of-life. This applies to your device but also to any enhancements marked with this symbol. Do not dispose of these products as unsorted municipal waste.

### **Imprint**

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# 1 Introduction

## 1.1 About this manual

### 1.1.1 Conventions

For better legibility and clarification, the following styles are used in this manual:

<b>Bold and italics:</b>	Names of products
<b>SMALL CAPITALS:</b>	Names of windows and dialogue boxes
<b>Bold:</b>	Highlighting of important parts in the text
<u>Underlined:</u>	Descriptions of buttons, input boxes and other elements on the user interface
<u>Underlined and italics:</u>	Names of control elements on the navigation device

### 1.1.2 Symbols

The following symbols refer to specific passages of text:



Instructions and tips for operating the software



More detailed information and explanations



Warnings

## 1.2 Legal notice

### 1.2.1 Liability

The software and manual are subject to change without notice. NAVIGON AG is not liable for the accuracy of the information contained in this manual or for damages resulting from the use of this manual.

Suggestions for improvements and information regarding errors are always welcome so that we can supply you with even better products in the future.

### 1.2.2 Trademarks

All brand and trade marks mentioned in this document and registered by third parties are subject without reservation to copyright law and the

proprietary rights of their respective owners. All trade marks, trade names and company names used in this document are or may be trade marks or registered trademarks of their respective owners. All rights reserved except those explicitly granted.

The absence of the explicit labelling of registered trademarks used in this manual does not imply that the brand is not subject to the rights of a third party.

- ▶ Microsoft, Outlook, Excel and Windows are registered trade marks of the Microsoft Corporation.
- ▶ NAVIGON is a registered trade mark of NAVIGON AG.

## 1.3 Questions about the product

You have a question concerning your product? Then visit our website [www.navigon.com](http://www.navigon.com) and click on "Support". There you will find an area with frequently asked questions (FAQ Center) along with details of how to contact us by phone or e-mail.

# 2 Before you begin

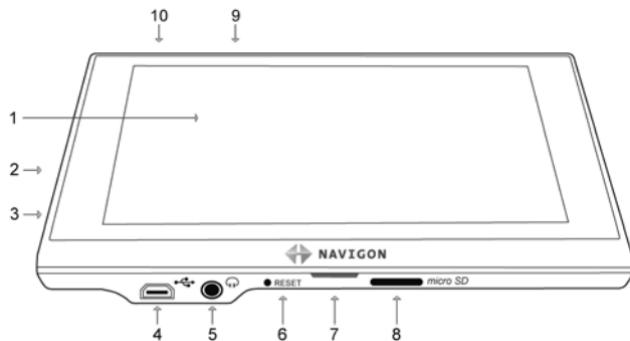
## 2.1 Scope of Delivery

Please check that the contents are complete. If anything is missing, get in touch immediately with the dealer who sold you the product.

The purchased product includes the following:

- ▶ **NAVIGON 8410** navigation device
- ▶ 2 GB microSD memory card with software. The memory card is already inserted in the navigation device.
- ▶ Designer car cradle
- ▶ Car charger cable (10-24V adapter for the vehicle's cigarette lighter) with integrated TMC antenna
- ▶ Mains adapter (100-240V) with plug adapters
- ▶ USB cable
- ▶ Leaflet with illustrated installation instructions
- ▶ Anti-reflection film
- ▶ Fabric pouch

## 2.2 Description of the NAVIGON 8410



- 1 Touch-screen
- 2 Mini USB-OTG socket for connecting the DVB-T module, which is available as an accessory, or a USB stick
- 3 Microphone
- 4 Mini USB socket for USB cable / mains adapter
- 5 Stereo headset socket
- 6 RESET
- 7 LED
- 8 Slot for microSD memory card
- 9 Connection for external GPS antenna
- 10 On/Off

## 2.3 NAVIGON Suite

**NAVIGON Suite** is an application for your PC or Mac with many useful functions.

- ▶ Read the manual (PDF file) for your navigation device.
- ▶ Get information about useful accessories.

- ▶ Install additional software designed to make it even easier for you to use your navigation system:
  - ▶ **NAVIGON Fresh** for keeping your navigation system up to date at all times and for using additional services
  - ▶ **NAVIGON Sync** for transferring contact addresses from Microsoft Outlook to your navigation system

How to install **NAVIGON Suite**:

1. Connect the navigation device to your computer with a USB cable.
2. Open the file manager on your PC or Mac (e.g. "Windows-Explorer" on a PC or "Finder" on a Mac).
3. Open the NAVIGON window.
4. Execute the **PC\_Start.exe** file (PC) or **MAC\_Start.exe** file (Mac). **NAVIGON Suite** is opened.
5. Select your language.
6. Select the function you want.
7. Follow the instructions on the screen.

## 2.4 Important safety information

In your own interest, please read the following safety information and warnings carefully before starting up your navigation system.

### 2.4.1 Navigation safety information

Use the navigation system at your own risk.

---



**Caution!** To prevent accidents, do not operate the navigation system while driving.

---



**Caution!** Do not look at the display unless it is absolutely safe to do so!

---



**Caution!** Traffic regulations have priority over any instructions from the navigation system.

---



**Caution!** Follow the instructions of the navigation system only when the circumstances and the road traffic regulations allow you to do so! The navigation system will guide you to your destination even if you deviate from the calculated route.

---



**Caution!** Check that the cradle is secured and adjusted properly before each journey.

---



**Note:** If you have not understood the spoken instructions or are unsure about what to do at the next junction, you can refer briefly to the map or schematic view of your navigation system.

## 2.4.2 Safety information for the navigation device



**Caution!** Protect the device from moisture. The device is neither waterproof nor protected against splash water.



**Caution!** The surface of the display is made of glass. It can break if the device is dropped.



**Caution!** Do not open the case of the navigation device under any circumstances.



**Caution!** Do not expose the navigation device to extreme heat or cold. This may damage the device or impair its function. (Refer to "Technical data" on page 102)



**Caution!** Never unplug by pulling the cable. Doing so could severely damage or destroy the device.



**Caution!** Do not subject the navigation device to severe temperature fluctuations. This can cause condensation to form.



**Note:** Do not kink the cable. Make sure that the cable cannot be damaged by sharp-edged objects.



**Note:** The fabric pouch delivered with the navigation device is made of micro-fibre. The navigation device is best cleaned with this fabric pouch.



**Note:** Create a backup of the data in the internal memory of your navigation device and on the supplied memory card.

This is very easy to do with the **NAVIGON Fresh** software which you can install on your computer using **NAVIGON Suite** or download free of charge from our website [www.navigon.com](http://www.navigon.com).

## 2.4.3 Safety guidelines when installing the device in your car



**Caution!** Fasten the cradle so that the navigation device is easy to see and operate by the driver. Make sure that the driver's view of the traffic is not impeded.



**Caution!** Do not attach the cradle within the working zone of any airbags.

---



**Caution!** Do not fasten the cradle too close to the steering wheel or other controls. The driver must not be obstructed in operating any car functions.

---



**Caution!** When installing the cradle, make sure that it will not pose a risk in the event of an accident.

---



**Caution!** Do not run cables directly next to safety-relevant devices and power supplies.

---



**Caution!** Check that the cradle is secured and adjusted properly before each journey. The suction cup may become loose after a while.

---



**Caution!** After installation, check all safety-relevant equipment in the car.

---



**Caution!** Connect the car charger cable only to cigarette lighters with an operating voltage of 10-24V.

---



**Caution!** Disconnect the car charger cable from the cigarette lighter whenever you park the car. The integrated mains adapter always consumes a small amount of energy and could drain the car battery.

---

## 2.5 Preparing the NAVIGON 8410 for use

### 2.5.1 Assembling the mains adapter



**Caution!** Be sure to refer to all the safety information in chapter "Important safety information" on page 10.

---

The mains adapter has an operating voltage of 100~240V. Several different plug adapters are provided. Charging the navigation device when abroad is therefore no problem.

- ▶ Push the correct plug adapter for the country in question into the slot on the mains adapter until it locks in place.

### 2.5.2 Charging the rechargeable battery

It is possible that the rechargeable battery is not fully charged when you unpack the navigation device. We recommend that you fully charge the battery before using the device for the first time.

- ▶ Connect the mains adapter to the navigation device and to a mains socket.



**Note:** Plug the USB connector into the navigation device as far it will go! (Refer to "Troubleshooting" on page 107)

During charging, the LED on the bottom of the **NAVIGON 8410** shines with an orange light.

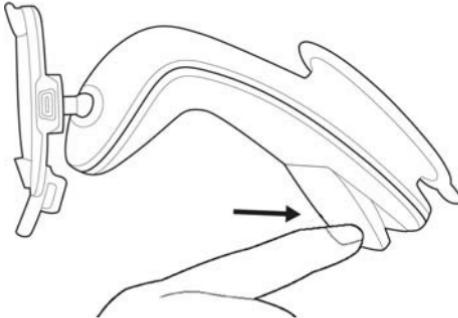
As soon as the battery is fully charged, the LED lights up green.

### 2.5.3 **Installing the navigation system in the vehicle**



**Caution!** Be sure to refer to all the safety information in chapter "Important safety information" on page 10.

#### Securing the cradle



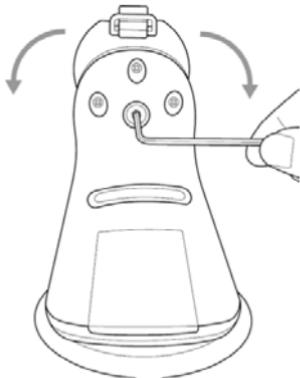
1. Clean the suction cup and that part of the windscreen to which you want to secure the cradle. Both must be dry and free of dirt and grease.



**Note:** Use a damp lint-free cloth to clean the suction cup. Do not use any solvent or cleaning agent.

2. Open the lever on the suction cup as far as possible.
3. Place the cradle suction cup against the windscreen.
4. Press the lever towards the windscreen.

### Adjusting the cradle



On the back of the cradle is an adjusting screw which can be used to adjust the cradle.

To make adjustments you need a matching Allen key (2.5 mm).

- Make the adjustments in steps, i.e. turn the screw in or out by no more than a quarter of a turn and test the effect.



**Caution!** Overtightening the adjusting screw can cause damage to the cradle!

---

### Supplying power to the navigation device

Included in delivery of the **NAVIGON 8410** is a car charger cable with which power can be supplied to the navigation device via the vehicle's cigarette lighter.

Connect the car charger cable to the vehicle's cigarette lighter and to the mini-USB socket on the cradle. The navigation device will be supplied with power as soon as it is inserted in the cradle.



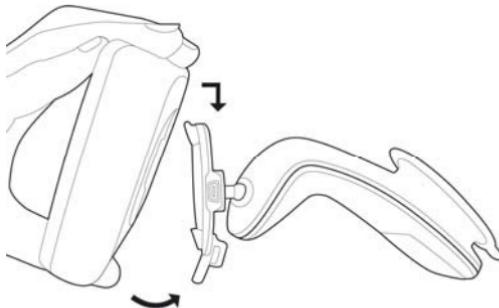
**Caution!** Connect the car charger cable only to cigarette lighters with an operating voltage of 10-24V.

---

### TMC antenna

The **NAVIGON 8410** has an integrated TMC receiver. The TMC antenna is integrated in the car charger cable. As soon as the navigation device is inserted in the cradle it can receive traffic message updates. If required, it can change your route dynamically, e.g. in order to avoid a traffic jam.

## Inserting the navigation device into the cradle



On the back of the **NAVIGON 8410** you will see a circle with two recesses.

1. Hang the navigation device by the upper recess on the upper lug of the cradle. (See illustration)
2. Then press it towards the cradle so that it latches in place.

## Removing the navigation device from the cradle

On the bottom of the plate in which you hung the navigation device is a clip.

1. Pull the clip towards yourself so that the device is released from the clip.
2. Lift the device up and out of the cradle.

### 2.5.4

## Memory card

A memory card is not required to operate the **NAVIGON 8410** because all the data needed for navigation are stored in the internal memory of the device.

The memory card inserted in the navigation device contains additional data which are needed for comfort functions such as **Real City 3D**. You can copy these data to another memory card (microSD card) or save them on your PC.

When you connect the **NAVIGON 8410** to your computer using a USB cable, the internal memory is detected as the 'NAVIGON' drive. The slot for the memory card is detected as the 'NAVIGON SD' drive.

Data backups, software updates and navigation map updates can be carried out quickly and conveniently using the **NAVIGON Fresh** software, which you can install on your computer with **NAVIGON Suite** or download free of charge from our website [www.navigon.com](http://www.navigon.com).

If you purchase additional navigation maps but no longer have enough space for them in the internal memory of your navigation device, it is also possible for you to save these maps on a memory card which you

then insert in the device. The **NAVIGON 8410** can use navigation maps from both memories.

---



**Note:** Comfort functions such as **Real City 3D** are not available without the data on the supplied memory card. If you insert a different memory card in the navigation device, make sure that it also contains these data.

---

## 2.6 Navigation with GPS

GPS is based on a total of at least 24 satellites orbiting the Earth and continuously transmitting signals of their position and time. The GPS receiver receives this data and calculates its own geographical position on the basis of the information transmitted by the various satellites.

Data from at least three satellites is required for positioning with an acceptable degree of accuracy. With data from four or more satellites it is possible in addition to determine the position's altitude above sea level. Positioning is accurate to within three metres.

Once the navigation device has determined your position, this position can be used as a starting point for calculating a route.

The map data on your navigation device includes the geographical coordinates of all digitally recorded points of interest, streets and places. This enables the device to calculate a route between a starting point and a destination.

Calculation of the current position and its representation on the map take place approximately once every second. In other words, your current position is always shown on the map.

## 3 Switching on the NAVIGON 8410

- ▶ Press the  (*On/Off*) key and keep it pressed until the device switches on. (Approx. 2 seconds)

The **START** window opens.

---



**Note:** When you switch on the **NAVIGON 8410** for the first time, you will be asked to make the following settings:

- ▶ your preferred language for using for the software
- ▶ the unit of length for distances
- ▶ the time format

From the **START** window you can access all applications of the **NAVIGON 8410**.

- ▶  Navigation, refer to page 26



- ▶ TV (deactivated when the DVB-T module is not connected)



**Note:** The TV software and the DVB-T module are not included in the delivery of your **NAVIGON 8410**. You can purchase the DVB-T package in our online shop at [www.navigon.com](http://www.navigon.com).



- ▶ Media Player, refer to page 82



- ▶ Phone, see page 88



**Note:** If you have not used the **NAVIGON 8410** for a long time, the battery may be flat.

When you connect the navigation device to the supplied car charger cable, it can be switched on immediately even if the battery is flat. If you use a different charger cable or have connected your device to a PC, it may need charging for approx. 3 minutes before it can be switched on.

Charging takes a relatively long time when the navigation device is activated. If you are not using the navigation device, switch it off or to standby for charging purposes.

Chargers and other accessories are available in the NAVIGON online shop at [www.navigon.com](http://www.navigon.com) or in specialist stores.

### **Forgotten your password?**

If you forget your password, follow the procedure described in "Forgotten your password?" on page 19.

### **Switching the navigation device to standby mode**

- ▶ Press briefly on the (On/Off) key (max. 2 seconds).

### **Automatic Standby**

You can configure the **NAVIGON 8410** so that the navigation device is automatically switched to standby mode when not in use.

- ▶ In the **NAVIGATION** window tap on Options > Settings > General > Automatic Standby.
- ▶ Select after how much time you want the navigation device to be switched to standby mode (Never, After 10 mins, After 20 mins, After 30 mins).
- ▶ Select Power Loss in order to switch the device to standby mode when the external power supply is interrupted. As soon as the device is connected again to the external power supply it will switch on again automatically.

## Switching off the navigation device

- ▶ Press the  (*On/Off*) key and keep it pressed until the message "Let go of the key to switch off the device." appears. (Approx. 6 seconds)

**Note:** When you switch the navigation device to standby mode, the next time it is switched on it will start very quickly and with the window which was active when switched off. In standby mode the device still consumes a small amount of energy however. The battery may be flat within a few days.



When you switch off the device, it consumes no energy. It can then take several months for the battery to become flat. Switching the device on again triggers a restart which can take some time (approx. 30 seconds). Your settings and your saved destinations and routes will be retained.

## 3.1 Options

Some windows offer options that lead to more functions.



A description of all available options can be found in the chapter "Options" on page 50.

## 4 Password Lock

You can protect your navigation system from unauthorised use by creating a password.

### 4.1 Activating password protection

1. In the **NAVIGATION** window tap on Options > Settings > Options > Password Lock.  
The **NEW PASSWORD** window opens.
2. Enter a password in the New password box and tap on Next.
3. Enter this password again in the Confirm new password box.
4. Tap on Activate.



**Note:** The password must have exactly 4 digits.

### 4.2 Changing a password

1. In the **NAVIGATION** window tap on Options > Settings > Options > Password Lock.

The **ENTER PASSWORD** window opens.

2. Enter the currently valid password in the Enter password box.
3. Tap on Change password.

The **NEW PASSWORD** window opens.

4. Enter a password in the New password box and tap on Next.
5. Enter this password again in the Confirm new password box.
6. Tap on Activate.



**Note:** The new password must have exactly 4 digits.

## 4.3 Cancelling password protection

1. In the **NAVIGATION** window tap on Options > Settings > Options > Password Lock.

The **ENTER PASSWORD** window opens.

2. Enter the currently valid password in the Enter password box.
3. Tap on Deactivate.

## 4.4 Forgotten your password?

If you enter the password wrongly three times, a window will open with instructions telling you what to do now.

- ▶ Follow the instructions on the screen.

# 5 Operating the NAVIGON 8410

## 5.1 Information

Various information symbols are located at the top of many windows.

### GPS

The GPS symbol can show the following GPS reception status:

**No GPS** (No symbol): The built-in GPS receiver is not operational. Contact us if the problem persists. (Refer to "Questions about the product" on page 8)



**No Signal:** Data is being received from less than three satellites. Position cannot be calculated.



**GPS Ready:** Data is being received from at least 3 satellites. The position can be calculated.



For details of the GPS status refer to chapter "GPS Status, saving the current location" on page 75.

## Compass

The Compass symbol indicates in which direction you are currently heading. It can indicate the following points of the compass: N, NE, E, SE, S, SW, W, NW.

## Track

The  (**Record Track**) symbol indicates that a track is being recorded at this moment.



For more information about tracks refer to chapter "Tracks" on page 70.

## TMC (Traffic Information)

The **NAVIGON 8410** has an integrated TMC receiver which provides the navigation system with traffic information updates. If necessary it can change your route dynamically, for example in order to avoid a traffic jam.



**Note:** This function is only available if TMC traffic messages are being transmitted in the country in which you are travelling. This is not the case in all countries.

The TMC symbol can indicate the following TMC reception status:



**Tuning** (in red): The TMC receiver is operational but cannot find a transmitter that is sending TCM signals. There are no active traffic messages.



**Tuning:** The TMC receiver is operational but cannot find a station that is transmitting TMC signals. Traffic messages are active however. This can be the case, for example, when travelling through a tunnel.



**TMC on Standby** (in grey): Traffic messages can be received.



**Note:** The TMC antenna is integrated in the car charger cable. The **Tuning** symbol may still appear therefore when the car charger cable is not connected to the **NAVIGON 8410**.



For details of the TMC function refer to chapter "TMC (Traffic Information)" on page 77.

## Energy

The Energy symbol can indicate the following states of the integrated battery:

-  The device is being supplied by an external power source. The battery is fully charged.
  - or -
- The battery cannot be charged because its temperature is too high or too low.
-  The device is being supplied by an external power source. The battery is being charged.
-  The device is being supplied by its internal battery. The battery charge is sufficient.
-  The device is being supplied by its internal battery. The battery charge is low.

## Bluetooth / Phone

The **NAVIGON 8410** has an integrated Bluetooth hands-free module. This enables you to use the device as a hands-free kit for a mobile phone with Bluetooth capability.

The Phone symbol can display the following states of the hands-free module:

- No Bluetooth** (No symbol): The Bluetooth function is deactivated.
-  **Not connected** (red mobile phone): The **NAVIGON 8410** has no Bluetooth connection to another device.
-  **Connected** (white mobile phone): The **NAVIGON 8410** is connected to a mobile phone and can be used as a hands-free car kit.
-  **Call in Progress** (green mobile phone): The hands-free module of the **NAVIGON 8410** is being used for a phone call.

## Muting

The Muting symbol can indicate the following states:

**No symbol:** The navigation application is not muted.



**Muting:** The navigation application is muted. If the device is navigating at the moment, you will not hear any driving instructions.



**Note:** This icon indicates only the muted state of the navigation instructions. It says nothing about the volume of the hands-free module.

---

## 5.2 Software keyboard

A software keyboard appears on the screen when text entries are necessary.

All entries can be made on the software keyboard using your fingertips. Only capital letters can be entered.

When entering town or street names you need not enter any special characters or umlauts. The navigation system fills in these characters for you automatically. For example, if you are looking for the town of "Bärnau", then simply type in the word "BARNAU". Special characters may be helpful however when naming saved destinations and routes.

### 5.2.1 Special keys



inserts a space.



deletes the character in front of the cursor.



opens the keyboard with numerals.

### Latin, Cyrillic and Greek alphabet



opens the keyboard with the Latin alphabet.



opens the keyboard with the Cyrillic alphabet.



opens the keyboard with the Greek alphabet.

When you want to enter addresses, names or POIs, the keyboard with the alphabet for the country in question will open automatically.

When you want to save a destination to Favourites or when you enter a POI category or a country, the keyboard with the alphabet of the user interface will open automatically.

You can also switch from the Cyrillic or Greek keyboard to the Latin keyboard. Many addresses can then also be entered as transliterations or in the language of the user interface.

Example: The language of the user interface is English. You want to navigate to Moscow. You have the following options:

- ▶ "Москва" (Cyrillic)
- ▶ "Moskva" (transliterated)
- ▶ "Moscow" (English).



**Note:** Street names and place names can be entered only in the language of the user interface if that is how they exist in the map's database.



**Note:** The maximum number of keyboards is always 2.

### Umlautes, accents and other letters

Another keyboard with special characters is available for each alphabet.

**SYM**

opens the keyboard with Latin special characters.

**ЙЩЫ**

opens the keyboard with Cyrillic special characters.

**ΑΪΩ**

opens the keyboard with Greek special characters.

As soon as you have entered a special character, the letter keyboard reappears automatically.

## 5.2.2 Entering data

Often you can select an entry from a list. This is the case, for example, when you enter a location.

As soon as you enter the first letter, the largest city in the given country that begins with this letter appears.

Enter more letters and after each entry the first city which begins with these letters will appear.

- ▶ When the correct location appears, tap on (OK) in order to complete the entry.

You can open at any time a list containing all the locations which begin with the letters or include the text already entered. The more letters you enter, the shorter the list becomes.

- ▶ Tap on (Open List) to call up this list.

You can use the (Up) button and the (Down) button to move through the list.

- ▶ Tap on an entry in the list to select it and transfer it to the input box.

The list closes once an entry has been selected. You are now finished with entering the city.

- ▶ Tap on  (Close List) in order to close the list without selecting an entry.



**Note:** The list opens automatically as soon as it contains only 4 or less entries.

---

## 5.3 Options

Some windows offer options that lead to more functions.



A description of all available options can be found in the chapter "Options" on page 50.

## 5.4 Menus

Some buttons have menus which open when activated.

- ▶ Tap on a menu point to execute its function.

If you would like to quit the options list without selecting a function, tap on the button you used to open the menu.

# 6 Voice Command

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**Note:** The **Voice Command** function is not available in every language.



For languages in which this function is available, the **NAVIGATION** button is shown in the Voice Command window. For languages which are not supported, the Voice Command button is replaced by the Show Map button.

---

Many functions of your navigation device can be called up conveniently by voice commands.

## 6.1 Activating the voice commands function

The voice commands function is automatically active in many windows. This applies in particular to windows in which you are expected to provide an answer, for example when there is a new traffic message concerning your route.

In the **NAVIGATION** window and on the map you can activate the voice commands function by drawing your finger quickly over the screen in a diagonal line.

## 6.2 Use Voice Command

When the functions in a window can be called up by voice command, this is indicated in the top left corner of the window by the symbol  (Voice command active).

A single signal tone and the symbol  (Speak) indicate that the navigation system is waiting for your voice command.

- ▶ Say a command.

The positive acknowledgement tone sounds (two high-pitch tones) and the function is executed.

If the navigation system has not understood your instruction or if you do not say anything within a certain time, the negative acknowledgement tone (two short low-pitch tones) will sound.

- ▶ Say the command again.

If the navigation system has not understood you after several repetitions, the prompt "Say 'Help'" will appear.



**Note:** Navigation instructions and warnings are muted for as long as the navigation device expects to receive voice commands from you.

## 6.3 Help

Say only "Help" if you want to know which voice commands are currently possible. In nearly all windows in which voice commands are supported the navigation system will then tell you which commands you can say in the current window.

## 6.4 Deactivation of the voice commands function

The voice commands function will be deactivated under the following conditions:

- ▶ If you operate the navigation device with your finger while a voice command is expected from you.
- ▶ If a call is received and during an active phone call if the navigation device is being used as a hands-free module.

## 6.5 Configuring the voice commands function

You can configure for which tasks you want to use voice commands.

- ▶ In the **NAVIGATION** window tap on Options > Settings > General > Use Voice Command.

Select the tasks for which you want to use Voice Command:

- ▶ Complete: You can use all the voice command functions.

- ▶ **Answering:** You can enter addresses and answer questions asked by the navigation device.
- ▶ **Entering Addresses:** You can enter only addresses with the voice command function.



**Note:** For details of how to enter the destination address using voice commands refer to the chapter "Entering a destination by voice commands" on page 32.

The volume of the voice commands assistant can be controlled independently of the volume of the navigation instructions. This means you can still hear the speak prompts when you have muted the navigation instructions.

1. In the **NAVIGATION** window tap on Options > Settings > General > Volume of the Assistant.
2. Select the volume for the assistant.



**Note:** For details of how to configure the navigation system refer to the chapter "Configuring the NAVIGON 8410" on page 100.

## 7 Navigation

Use the navigation system at your own risk.



**Caution!** Be sure to refer to all the safety information in chapter "Important safety information" on page 10.

### Impaired GPS reception

If GPS reception is impaired, navigation will be interrupted. As soon as GPS reception is restored, the navigation system calculates any change of position which has occurred in the meantime. Navigation is then continued automatically.

### Arriving at your destination

When you have reached your selected destination, a message to this effect will be displayed.

Only your current position (orange arrow) and the destination flag will now be shown on the map.

## 7.1 Starting the navigation application

You have switched on the navigation device. The **START** window is open.

1. Tap on Navigation.

When you start the navigation application for the first time, the **DEMO MODE** settings window opens.

Demo mode is intended only for demonstrating the product when no GPS reception is possible.

When demo mode is active, navigation is not possible! Demo mode is designed solely to simulate navigation to the centre of the indicated destination.

- ▶ Make sure that the Start in Demo Mode setting is at No. If necessary tap on the  (Toggle) button in order to change the setting from Yes to No.
- ▶ Tap on OK.

If password protection is activated, the **ENTER PASSWORD** window opens.

- ▶ Enter the password.
- ▶ Tap on OK.

The navigation application will be started. The following message appears:

"Please note that the road traffic regulations are prior to the instructions of the navigation system. Please do not operate the device while driving."

2. After you have read and fully understood the message, tap on OK.

If you do not accept the content of the message, tap on Cancel in order to exit the navigation application.

The **NAVIGATION** window is opened. From here you can access all the functions of the navigation application.

- ▶ Tap on  (Phone) in order to move the hands-free module into the foreground (refer to "Handsfree Module" on page 88).
- ▶ Tap on  (Media Player) in order to move the media player into the foreground.
- ▶ Tap on  (Navigation) in order to move the **NAVIGATION** window back into the foreground.
- ▶ Tap on  (Back) in order to move the **START** window back into the foreground.



**Note:** How to deactivate demo mode is explained in "Troubleshooting" in section "I have accidentally activated demo mode" on page 109)

## Initialising the GPS receiver

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**Note:** Good reception of GPS data requires an unobstructed path from the GPS receiver to the satellites. Tunnels, narrow thoroughfares between buildings and reflecting house fronts can restrict GPS reception greatly or make it impossible. If the GPS receiver or the navigation device is inside a vehicle, a metallised windscreen or a windscreen heater can be the cause of poor GPS reception.

---

As soon as the navigation device has been switched on, initialisation of the GPS receiver will begin.

The integrated GPS receiver is not initialised for the first time until the navigation application is started for the first time. It can take up to 20 minutes to initialise the GPS receiver for the first time.

---



**Note:** If the GPS symbol indicates **GPS Ready** after far less than 20 minutes, it is advisable to leave the navigation device switched on for at least another 15 minutes in order to ensure reliable operation of the receiver.

---

Each time you switch on the navigation device after this, GPS reception will start within a short time.

If the navigation device has not been switched on for more than a week, it can take up to 10 minutes to re-initialise the receiver.

In the top right hand corner of the display, you will see the GPS symbol. As soon as data from at least three satellites is received, the icon will change to  (GPS Ready).

---



**Note:** Initialisation takes the least time if you do not start driving until the initialisation has finished.

---



For more details about the GPS symbol refer to chapter "GPS" on page 19.

## Returning to the Navigation window

The **NAVIGATION** window opens when the navigation application is started.

If another window of the navigation application is open, tap on  (Back). This will return you to the window you came from.

- ▶ Tap on  (Back) repeatedly until the **NAVIGATION** window is opened.

## 7.2 Specifying a destination

Under New Destination you can enter destinations to which you have not yet navigated or which you have not saved.

Here you can enter the destination's address or coordinates, select a POI, or select a destination with the Direct Access function.



**Note:** The first time that you want to enter a new destination you will be asked to select the country in which your destination is situated.

Under My Destinations the **NAVIGON 8410** provides the following lists of destinations and addresses for you to select from:

- ▶ **FAVOURITES:** All destinations that you have entered in the **NAVIGON 8410** and then saved.
- ▶ **LAST DESTINATIONS:** Destinations to which you have navigated on a previous occasion.
- ▶ **IMPORTED ADDRESSES:** Here there may be 2 lists to choose from:
  - ▶ **OUTLOOK / INTERNET:** All destinations which you have imported from Microsoft Outlook or from the Internet.
  - ▶ **FROM THE PHONE BOOK:** Addresses from a mobile phone which is connected via Bluetooth.

### 7.2.1 Specifying the country in which the destination is situated

At top left in the **ADDRESS**, **POI IN A CITY** and **POI NATIONWIDE** windows you will find the Country button. It bears the flag of the country in which you can currently select destinations for the navigation application.

If your destination is in a different country, then proceed as follows:

1. Tap on the Country button.
2. Enter the name of the country in which your destination is situated.  
The button shows the flag of the destination country.



**Note:** The selection list contains only those countries whose maps are available to the navigation device.

### 7.2.2 Entering a destination address

1. In the **NAVIGATION** window tap on New Destination > Enter an Address.

**Note:** The following description is based on City First as the order for entering the address.



If the navigation device contains the map of a country in which the street is usually listed first (e.g. Sweden, Norway, ...), you can also choose Street First as the order for entering the destination address.

You can define the order in the **NAVIGATION** window at Options > Settings > General > Input Mode for Address Data.

Please note however that the Street First order of entry is not possible for all countries. In this case you must enter the city first.

The **ADDRESS** window opens.

2. Enter the name or the postal code of the destination town.
3. Enter the name of the destination street.
4. Enter the house number. If you do not know the house number, then leave this field empty.

If you don't know the house number but know the name of a nearby side street, then tap on the Cross Street box and enter the name of this street. The navigation system will calculate a route to the intersection of the streets you have entered.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

5. Tap on Start Navigation in order to navigate to the stipulated address

- or -

Tap on Parking in order to search for and navigate to a car park near your destination.

Sometimes the destination cannot be found exactly because, for example, the entered combination of place and street name exists several times.

In this case a window will open with a list of all the addresses matching your entry plus additional information.

- ▶ Tap on the address to which you want to navigate.

If the entered house number is not included on the map, the window will show an address with the house number closest to the one entered.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

**Note:** It is not necessary to enter all the address details. You can tap on Start Navigation before you get that far.



If you specify the town only, the navigation system will calculate a route to the town centre.

If you specify only the town and street without specifying a house number or cross street, the navigation system will calculate the best route to this street.

### 7.2.3 Enter Coordinates

You can also enter the geographic coordinates of your destination. The coordinates can be entered as decimal degrees or in degrees, minutes and seconds.

1. In the **NAVIGATION** window tap on New Destination > Enter an Address.  
The **ADDRESS** window opens.
2. In the **ADDRESS** window, tap on Options > Enter Coordinates.  
The **ENTER COORDINATES** window opens.

#### Entering as a decimal number

3. Enter the degree of latitude.  
Begin the entry with a minus sign if you want to enter a southern degree of latitude.
4. Enter the degree of longitude.  
Begin the entry with a minus sign if you want to enter a western degree of longitude.

#### Entering with minutes / seconds

3. Enter the degree of latitude.  
Use the corresponding buttons shown on the keyboard in order to enter the units:

(degrees), (minutes), (seconds).

The (N S) button alongside the entry box indicates whether it is a northern or southern degree of latitude.

- ▶ Tap on the button if you want to change the current setting.

4. Enter the degree of longitude.  
Use the corresponding buttons shown on the keyboard in order to enter the units:

(degrees), (minutes), (seconds).

The (E W) button alongside the entry box indicates whether it is an eastern or western degree of longitude.

- ▶ Tap on the button if you want to change the current setting. The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens. Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).
  - ▶ Tap on Activate MyRoutes in order to change the setting.
- 5. Tap on Start Navigation in order to navigate to the stipulated address
  - or -
  - Tap on Parking in order to search for and navigate to a car park near your destination.

---



**Note:** If the destination with the coordinates you entered does not lie on the road system covered by the map, navigation will be performed as far as the nearest road point using the mode defined by the selected route profile. From this point on, the navigation system will automatically switch to **Offroad** mode. (Refer to "Navigation in Offroad mode" on page 63)

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## 7.2.4 Entering a destination by voice commands

It is particularly convenient to select the destination by voice commands.

1. In the **NAVIGATION** window tap on Voice Command.

- or -

Activate the voice commands function by drawing your finger quickly over the **NAVIGATION** window in a diagonal line. Then say "Voice Command".

The **VOICE COMMAND** window opens.

## Entering an address

2. Say "Address".

Indicated at the top is the country for which you can select addresses.

- ▶ Tap on the country if your destination address is situated in a different country. Then follow the instructions given by the navigation system.

You will be asked for the address data in this order: City > Street > House number.

3. Follow the instructions given by the navigation system.

When you have finished entering the address, the map will open in **Preview** mode. The destination is indicated on the map.

## Entering a POI nearby

2. Say "POI Nearby".
3. Say which category of POI you want (e.g. "Hotel").

A list of nearby hotels opens.

4. Say the number of the hotel to which you want to navigate.

Say "Up" or "Down" in order to scroll in the list.

When you have selected a destination, the map opens in **Preview** mode. The destination is indicated on the map.

## Entering a Favourite or an address from the phone book

2. Say "My Destinations".
3. A list opens. It contains the destinations found in the **FAVOURITES** list, destinations imported from Outlook, and destinations from the phone book of a connected mobile phone.
4. Say the number of the destination to which you want to navigate.

Say "Up" or "Down" in order to scroll in the list.

When you have selected a destination, the map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.



**Note:** The **Voice Command** function is not available for every language. In the languages for which this function is not available, the **Voice Command** button is replaced by the Show Map button.

### 7.2.5 Points of interest

Points of Interest, called POI for short, are useful addresses that are catalogued according to particular criteria.

POIs include ports, airports, restaurants, hotels, petrol stations, public buildings, doctor's surgeries, hospitals, shopping centres, etc.

Special destinations can be displayed on the map by means of a symbol. In the **NAVIGATION** window tap on Options > Settings > Map Display > Categories Shown in order to select the categories you want to appear on the map.

### POI nearby

POIs nearby are POIs located within a certain radius of your current location. This means you can always find the nearest petrol station for example, no matter where you are.

**Note:** GPS reception must be good enough for determining your



position. Check the  (GPS Ready) symbol to see whether GPS reception is good enough.

For more details refer to the chapter "Initialising the GPS receiver" on page 28.

---

**Note:** The direct access function offers 3 categories of nearby POIs which can be searched for quickly and without additional entry.



For more details refer to the chapter "Direct access to POIs" on page 37.

---

1. In the **NAVIGATION** window tap on New Destination > Search for POI > Nearby.

The **POI NEARBY** window opens.

2. Select a category from which you would like to find a POI. Categories in which no destinations are available nearby cannot be selected.

If sub-categories exist for the category you have selected, the Sub Category list opens.

3. Select the sub-category from which you would like to select a POI.

The Destination list opens. It contains the nearest POIs in the specified category, sorted by distance.

4. If the list is very long:

- ▶ Tap on  (Close List).

The keyboard appears.

- ▶ Enter a number of letters from the destination.

- ▶ Tap on  (Open List).

The list now contains only those destinations which begin with the letters entered.

5. Tap on the name of the destination.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

6. Tap on Start Navigation.

- or -

Tap on Parking in order to search for and navigate to a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

## POIs of nationwide significance

POIs of nationwide significance are airports, sights, national monuments, large ports etc. This way you can find well-known places of interest even if you don't know the name of their location.

1. In the **NAVIGATION** window tap on New Destination > Search for POI > Nationwide.

The **POI NATIONWIDE** window opens.

2. Select a category from which you would like to find a POI.

The **Destination** list opens. It contains the POIs from the selected category, sorted alphabetically.

3. If the list is very long:

- ▶ Tap on  (Close List).

The keyboard appears.

- ▶ Enter a number of letters from the destination.

- ▶ Tap on  (Open List).

The list now contains only those destinations which begin with or contain the letters entered.

4. Tap on the name of the destination.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

5. Tap on Start Navigation.

- or -

Tap on **Parking** in order to search for and navigate to a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

## POIs in a particular location

POIs in a particular location can be useful when navigating in an unfamiliar town.

1. In the **NAVIGATION** window tap on New Destination > Search for POI > in a City.

The **POI IN A CITY** window opens.

2. Enter the name or the postal code of the destination town.
3. Select a category from which you would like to find a POI. Categories in which no destinations are available in the selected town cannot be entered.

If sub-categories exist for the category you have selected, the Sub Category list opens.

4. Select the sub-category from which you would like to select a POI. The Destination list opens. It contains POIs from the specified category, sorted alphabetically.

5. If the list is very long:

- ▶ Tap on  (Close List).

The keyboard appears.

- ▶ Enter a number of letters from the destination.

- ▶ Tap on  (Open List).

The list now contains only those destinations which begin with or contain the letters entered.

6. Tap on the name of the destination.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

Sometimes the destination cannot be found exactly because, for example, several restaurants with the same name exist in the town in question.

In this case a window opens with all the destinations matching your entry plus additional information.

- ▶ Tap on the destination to which you want to navigate.

7. Tap on Start Navigation.

- or -

Tap on Parking in order to search for and navigate to a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

## Direct access to POIs

The direct access area contains 3 categories of POI. Destinations in your vicinity that correspond to one of these categories can be viewed here quickly and without further entry.

- ▶ In the **NAVIGATION** window tap on Options > Settings > General in order to select which categories or sub-categories are to be available for direct access.



**Note:** The categories for the **Direct Access** function are the same as those available for the **POI on Your Route** function. (Refer to "Map options in Navigation mode" on page 64)



**Note:** GPS reception must be good enough for determining your position. Check the  (GPS Ready) symbol to see whether GPS reception is good enough.

For more details refer to the chapter "Initialising the GPS receiver" on page 28.

1. In the **NAVIGATION** window tap on New Destination.  
The **NEW DESTINATION** menu opens.  
In the Direct Access area you are shown the symbols of those POI categories that are available by direct access.
2. Tap on the category from which you would like to select a POI.  
A list opens. It contains the nearest POI in the specified category, sorted by distance.
3. Tap on the name of the destination in order to start navigation to it.  
The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

### 7.2.6 Information about the destination

For many destinations that you specify there will be further information available, stored in the navigation system's database.

There is, for example, a telephone number available for many restaurants. You can then call the restaurant to reserve a table, for example.

One of the destination entry windows described above is open.

- ▶ Tap on Options > Info.

The **DESTINATION INFO** window opens. It contains all the information about the specified destination that is stored in the navigation system's database.

- ▶ Tap on Cancel in order to close the **DESTINATION INFO** window again.
- ▶ Tap on  (Show on Map) in order to see the destination on the map.
- ▶ Tap on  (Call) in order to call the number indicated.



**Note:** The Call function is only available when the **NAVIGON 8410** is connected via Bluetooth to a mobile phone.

For details of how to connect to a mobile phone refer to chapter "Connection with Mobile Phone" on page 89.

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## 7.2.7 Favourites

Destinations to which you want to travel often can be saved in the **FAVOURITES** list.

In the **FAVOURITES** list you can save up to 500 destinations.



Information on how to save a destination can be found in chapter "Saving destinations" on page 44.

1. In the **NAVIGATION** window, tap on My Destinations > Favourites.
2. Tap on the destination to which you want to navigate.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.
- 3. Tap on Start Navigation.

- or -

Tap on Parking in order to search for and navigate to a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.



**Note:** Favourites are indicated on the map by a small flag with their name.

## 7.2.8 Last Destinations

**NAVIGON 8410** saves the last 12 destinations to which you have navigated in the **LAST DESTINATIONS** list.

1. In the **NAVIGATION** window tap on My Destinations > Last Destinations.
2. Tap on the destination to which you want to navigate.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens. Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

3. Tap on Start Navigation.

- or -

Tap on Parking in order to search for and navigate to a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

## 7.2.9 Imported Addresses: Outlook / Internet

You can use the **NAVIGON Sync** software to export to your navigation system the contact addresses which you have saved in Microsoft Outlook on your computer.

From many route planners on the Internet it is also possible to copy the entered destination address directly onto your navigation system. This function is clearly indicated on those websites which offer it.



**Note:** You can install **NAVIGON Sync** on your PC using **NAVIGON Suite** (refer to "NAVIGON Suite" on page 9) or download it free of charge from our website [www.navigon.com](http://www.navigon.com).

Contacts which have been saved with several addresses will appear once with each address in the **IMPORTED ADDRESSES** list.

1. in the **NAVIGATION** window tap on My Destinations > Imported Addresses > Outlook / Internet.

2. Tap on the address to which you want to navigate.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

3. Tap on Start Navigation.

- or -

Tap on Parking in order to search for and navigate to a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

## 7.2.10 Imported Addresses from the phone book

The phone book of a mobile phone with which you are connected can be imported into the **NAVIGON 8410**. Addresses from the phone book are then found in the **IMPORTED ADDRESSES FROM THE PHONE BOOK** list.

1. In the **NAVIGATION** window tap on My Destinations > Imported Addresses > From the phone book.

2. Select the contact you want from the phone book.

3. Tap on the address to which you want to navigate.

The **DETAILED INFORMATION ABOUT THE DESTINATION** window opens.

Indicated on the Activate MyRoutes button is whether several route suggestions are to be calculated (Yes) or not (No).

- ▶ Tap on Activate MyRoutes in order to change the setting.

4. Tap on Start Navigation.

- or -

Tap on Parking in order to search for a car park near your destination.

The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

## 7.2.11 Navigating home

In **NAVIGON 8410** you can save an address as your home address. You can navigate to your home address at any time by pressing a single button.



More information about entering your home address can be found in the chapter "Defining the home address" on page 44.

- ▶ In the **NAVIGATION** window tap on Take Me Home.  
If you have not yet entered your home address, a dialog box will notify you of this.

Navigation starts. The route profile used for the previous navigation will be applied.

## 7.2.12 Selecting destinations on the map

You may select a destination directly on the map. This is a quick way to select towns, streets and POIs.

1. In the **NAVIGATION** window tap on > Options > Show Map.



**Note:** If the voice commands function is not available for the language of the user interface, the Show Map button will be directly in the **NAVIGATION** window.

2. Tap on  (Destination search)  
The map opens in **Destination search** mode.
3. Tap on the point to which you want to navigate.



**Note:** For details of how to change the map view so that your destination is easily seen refer to the chapter "Map in Destination search mode" on page 64.

The destination that you have selected appears under the cross hairs.

The geographical coordinates of the destination and the corresponding address are shown in the bottom third of the screen.

4. Tap on  (OK).  
The **DESTINATION ON MAP** window opens. The detailed address data of the selected destination is displayed in the upper left-hand corner.
5. Tap on Take Me There.  
The map opens in **Preview** mode. The destination is indicated on the map.



For detailed information on how to start navigation, please refer to chapter "Route preview" on page 42. Please read on there.

### 7.2.13 Route preview

The map is open in **Preview** mode.

The navigation destination is depicted by a small flag.



For detailed information refer to the chapter "Map in Preview mode" on page 54.

### Route Profile

The route is calculated on the basis of a route profile. The current route profile is indicated at the top right edge of the map.

Route profiles take account of the characteristics and special aspects of the different modes of transport. For example a route profile for bicycles will exclude motorways from the route calculation but will include roads which other vehicles are not allowed to use. And a bicycle profile will calculate different arrival times than a motorcycle profile.



**Note:** If you select a pedestrian profile, a type of navigation specially developed for pedestrians will be started. (Refer to "Navigation in Pedestrian mode" on page 61)

- ▶ Tap on the Route Profile button if you want to select a different route profile.



For details of how to create and select route profiles refer to chapter "Route profiles" on page 66.

### Turn-by-Turn List

- ▶ If you want to see detailed directions for the route, tap on Options > Turn-by-Turn List.



For details of the functions in the **TURN-BY-TURN LIST** window refer to chapter "Turn-by-Turn List" on page 76.

### MyRoutes

When the **MyRoutes** function is activated, the navigation system calculates up to three routes on the basis of the currently selected route profile and shows them on the map in different colours (orange, green, blue) and with a number. For each route there is a button with the same number and a symbol in the same colour.

When calculating the time of arrival or the trip time, the navigation system takes account of additional factors such as day of the week, time of day or traffic messages.

The route which corresponds best to the selected route profile is marked with "MyRoute".



**Note:** Even when the **MyRoutes** function is activated, sometimes only one additional route or no additional routes at all can be calculated for a particular route. No further suggestion is then shown on the button in question.

## Start Navigation

- ▶ Tap on the button of the route which you want to use for the navigation.

If you select a route for which traffic obstructions have been announced, the **PREVIEW TMC** window may open before navigation starts. (Refer to "Preview TMC" on page 77)

- ▶ Select whether you want to use the original route (Current Route) or a detour (Alternative route).

## No GPS reception

If GPS signal reception is not good enough, the following message will appear: "GPS reception is currently not sufficient. Navigation starts automatically as soon as GPS reception is OK again."

You have the following options:

- ▶ Wait. As soon as GPS reception is good enough for determining your position, the route will be recalculated and navigation will begin.
- ▶ Tap on Cancel. The window in which you entered your destination will open again. Your destination is saved in the **LAST DESTINATIONS** list.
- ▶ Tap on Demo. The route will be calculated using the centre of the destination location as starting point. Navigation will then be simulated on this route.

Tap on (Back) in order to terminate the demonstration.



**Note:** If you selected the destination on the map, then the Demo button is not available.

## 7.3 Managing destinations

Every destination you enter and destinations from the **LAST DESTINATIONS** and **IMPORTED ADDRESSES** lists can be saved in the

**FAVOURITES** list. This makes sense if you frequently navigate to this particular destination.

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**Note:** Favourites are indicated on the map by a small flag with their name.

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### 7.3.1 Saving destinations

1. Enter a destination. (Refer to "Entering a destination address " on page 29 or "Points of interest" on page 33). Do not tap on the Start Navigation button!
2. Tap on Options > Save Destination  
- or -
1. Select a destination from the **LAST DESTINATIONS** list or from the **IMPORTED ADDRESSES** list. (Refer to "Last Destinations" on page 39 or "Imported Addresses: Outlook / Internet" on page 39). Do not tap on the Start Navigation button!
2. Tap on Options > Save as Favourite.
3. Enter a name for the destination.
4. Tap on Save.

### 7.3.2 Defining the home address

You can always start navigation to your home address very quickly by tapping in the **NAVIGATION** window on Take Me Home.

You can define exactly one destination as your home address. This destination is saved in the **FAVOURITES** list.

Proceed as follows:

1. In the **NAVIGATION** window tap on New Destination > Enter an Address.  
The **ADDRESS** window opens.
2. Enter your home address.
3. Tap on Options > Save Destination.
4. Enter a name for the address. (For example "Home Address")  
Your home address is now saved in the **FAVOURITES** list.
5. Tap on (Back).  
The **NAVIGATION** window opens.
6. Tap on My Destinations > Favourites.
7. Select from the **FAVOURITES** list the destination which you want to define as your new home address. (Refer also to Favourites on page 38)
8. Tap on Options > Home Address.

The selected destination has now been saved as your home address. Your home address now appears in the **FAVOURITES** list marked by a house symbol.



**Note:** The home address is also indicated on the map by a house symbol.

### Changing the home address

You can define a different address as the home address at any time. Proceed as described above.

## 7.4 Multi-leg routes or tracks

It is possible to plan routes without GPS reception, for example in the comfort of your home. Planned routes can be saved for later use. This allows you to plan as many routes as you like, for example for your holidays.

1. In the **NAVIGATION** window tap on Options.  
The options list opens.
2. Tap on the Routes and tracks option.  
The **ROUTES AND TRACKS** window opens.

### 7.4.1 Entering the starting point

The starting point of a route is the point at which you want to begin your trip. This is not necessarily the current location. If you are planning a route for your holidays at home, you could, for example, enter your hotel as the starting point.

The starting point is only important if you want to see a planned route on the map but currently have no GPS reception, or if you are not currently at the planned starting point. This is why your selected starting point has the flow number "0".

As soon as you start navigation, your current location will be used as the starting point for the route calculation.

The first leg of the route is therefore the journey to the route point with flow number "1".

1. Tap on the Specify Starting Point box.  
The **STARTING POINT** menu opens.

If you want to enter your current location as the starting point:

2. Tap on the Current Position menu item.

If you want to enter a different starting point:

2. Tap on the corresponding button.

3. Enter the starting point. (Refer to the corresponding section of the chapter "Specifying a destination" on page 29).
4. Tap on Set Starting Point.

The selected starting point will now be displayed next to the 0 button (Starting Point).

## Changing the starting point

- Tap on the starting point (button 0).

The **STARTING POINT** menu opens. You can now enter a different starting point. Proceed as described above.

### 7.4.2 Entering route points

The route points of a route are the destinations that you want to navigate to.

The flow number for each route point is indicated on a button in front of it.

1. Tap on the Add Route Point box.

The **ROUTE POINT** menu opens.

2. Tap on the button for how you want to enter the destination.
3. Enter the route point. (Refer to the corresponding section of the chapter "Specifying a destination" on page 29).
4. Tap on Add.

The selected route point is now shown next to its flow number.

Repeat these steps for each destination that you want to add to your route.

### 7.4.3 Editing route points

Route points can be deleted from a route. The order of the route points can be changed as you wish.



**Note:** The starting point (flow number "0") can be neither moved nor deleted. However you can make another route point into the starting point provided the Current Position setting was not selected for the starting point.

- Tap on the route point that you want to edit.

The context menu contains the following buttons:



Route Point Up: Moves the selected route point further to the front.  
(Example: route point 2 becomes route point 1)



Route Point Down: Moves the selected route point further to the back.  
(Example: route point 2 becomes route point 3)



**Delete:** Deletes the selected route point. A dialog window prompts you to confirm deletion.

#### 7.4.4 Managing routes

You can save each planned route under a particular name.



**Note:** Only the start point and route points will be saved, not the calculated route. When you load a saved route, it must be recalculated before navigation can start.

You can load, rename or delete stored routes.

#### Saving routes

The **ROUTES AND TRACKS** window is open. You have entered the starting point and at least one route point.

1. Tap on Options > Save Route.
2. Enter a name for the route.
3. Tap on Save.

The destination is now saved to the **SAVED ROUTES AND TRACKS** list.

#### 7.4.5 Loading routes or tracks

1. Tap on Options > Saved Routes and Tracks.

The **SAVED ROUTES AND TRACKS** list opens. It shows all the saved routes and tracks in alphabetical order.

A symbol in front of the name indicates whether it is a route (  ) or a track (  ).

If you want to load a route:

2. Tap on the route that you want to load.
3. Tap on Load Route.

The **ROUTES AND TRACKS** window opens. The starting point and the route points of the loaded route have been entered. For the route calculation the starting point is replaced by the current position. You will now be guided to the first route point.

If you want to load a track:

2. Tap on the track that you want to load.
3. Tap on Load Track.

The **ROUTES AND TRACKS** window opens. The current location is entered as the starting point. The loaded track is entered as route point 1. Navigation then leads first to the starting point of the track.



For details about navigating along recorded tracks refer to chapter "Navigation in Track mode" on page 63.

#### 7.4.6 Calculating and displaying routes

It is possible to calculate and display a planned route on the map even without GPS reception in order to get an impression of the journey.

The **ROUTES AND TRACKS** window is open. The starting point and at least one route point have been entered.

- ▶ Tap on Show Route.

The map opens in **Preview** mode.

The starting point and the route points are marked by flags. The distance and the estimated trip time is given for each leg of the route.

#### 7.4.7 Simulating routes

It is also possible simply to simulate navigation on a planned route.



**Note:** GPS reception is not necessary for simulation.

If you have planned a multi-leg route, only the first leg will be simulated.

You have calculated and displayed a route.

1. Tap on Options > Simulation.

- ▶ If you have planned a route with only one route point and the **MyRoutes** function is activated, you will be prompted to select a route for the simulation.

The route will be recalculated for simulation purposes.

2. Tap on the button of the route on which you want to simulate the navigation.



For more details about the **MyRoutes** function refer to the chapter "MyRoutes" on page 49.

#### Stopping simulation

You can stop simulation at any time.

- ▶ Tap on  (Back).

The **ROUTES AND TRACKS** window opens.

#### 7.4.8 Route preview

You have calculated and displayed a route. The map is open in **Preview** mode.

## Route Profile

Route profiles take account of the characteristics and special aspects of the different modes of transport. For example a route profile for bicycles will exclude motorways from the route calculation but will include roads which other vehicles are not allowed to use. And a bicycle profile will calculate different arrival times than a motorcycle profile.



**Note:** If you select a pedestrian profile, a type of navigation specially developed for pedestrians will be started. (Refer to "Navigation in Pedestrian mode" on page 61)

- ▶ Tap on the Route Profile button if you want to select a different route profile.



For details of how to create and select route profiles refer to chapter "Route profiles" on page 66.



**Note:** When you load routes which originate from a different provider than NAVIGON, it may be impossible for you to change the route profile of this route.

## Turn-by-Turn List

If you want to see detailed directions for the route, tap on Options > Turn-by-Turn List.



For details of the functions in the **TURN-BY-TURN LIST** window refer to chapter "Turn-by-Turn List" on page 76.

## MyRoutes

When the **MyRoutes** function is activated, the navigation system calculates up to three routes on the basis of the currently selected route profile and shows them on the map in different colours (orange, green, blue) and with a number. For each route there is a button with the same number and a symbol in the same colour.

When calculating the time of arrival or the trip time, the navigation system takes account of additional factors such as day of the week and time of day.

The route which corresponds best to the selected route profile is marked with "MyRoute".



**Note:** The **MyRoutes** function can be used only for routes with only one route point. For routes with two or more route points only one route is calculated and displayed, regardless of whether you have activated the function or not.



**Note:** Even when the **MyRoutes** function is activated, sometimes only one additional route or no additional routes at all can be calculated for a particular route. No further suggestion is then shown on the button in question.

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## Start Navigation

- ▶ Tap on the button of the route which you want to use for the navigation.

If you select a route for which traffic obstructions have been announced, the **PREVIEW TMC** window may open before navigation starts. (Refer to "Preview TMC" on page 77)

- ▶ Select whether you want to use the original route (Current Route) or a detour (Alternative route).

## No GPS reception

If GPS signal reception is not good enough, the following message will appear: "GPS reception is currently not sufficient. Navigation starts automatically as soon as GPS reception is OK again."

You have the following options:

- ▶ Wait. As soon as GPS reception is good enough for determining your position, the route will be recalculated and navigation will begin.
- ▶ Tap on Cancel. The map opens in **Preview** mode.

## 8 Options

Some windows offer options that lead to more functions.

- ▶ Tap on Options to open the options list.
- ▶ Tap on the option you would like to use.
- ▶ If you would like to quit the options list without selecting an option, tap on the Options button again.

**2D/3D:** Changes between 2D and 3D mode. The symbol indicates the current mode.

**Delete All:** Deletes all destinations in the list (**LAST DESTINATIONS** list or **FAVOURITES** list, depending on where you opened the options). The list is then empty. A dialog window prompts you to confirm deletion.

**Save as Favourite:** Saves the selected destination to the **FAVOURITES** list. (Refer to "Saving destinations" on page 44)

**Show on Map:** Shows the selected address on the map.

Start Recording, Stop Recording: Starts or ends the recording of a track. (Refer to "Tracks" on page 70)

Factory Settings: Resets all settings to the as-delivered state. Routes and saved destinations are deleted. The software is re-started and behaves as if started for the first time after being purchased (refer to "Switching on the NAVIGON 8410" on page 16).

Settings: Opens the **SETTINGS** window. Here you can configure the navigation system. (Refer to "Configuring the NAVIGON 8410" on page 100)

Saved Routes and Tracks: Opens a window in which you can load a saved route or a track.

GPS Status: Opens the **GPS STATUS** window. Here you can see details regarding GPS reception. You can also save the data of your current location. (Refer to "GPS Status, saving the current location" on page 75)

Home Address: Saves the selected destination as your home address. You can then always start navigation to this destination very quickly by tapping in the **NAVIGATION** window on Take Me Home.

Show Map: Opens the map in **Standard** mode.

If the voice commands function is not available for the current language of the user interface, you will find this option in the form of a button in the **NAVIGATION** window.

Enter Coordinates: Opens the **ENTER COORDINATES** window. Here you can enter the geographic coordinates of your destination. (Refer to "Enter Coordinates" on page 31)

Delete: Deletes the selected destination from the **LAST DESTINATIONS** or **FAVOURITES** list or the selected route or track from the **SAVED ROUTES AND TRACKS** list. A dialog window prompts you to confirm deletion.

MyReport: Opens the **MYREPORT** window. Here you can notify NAVIGON about any changes to traffic monitoring systems and routing.

MyRoutes: Opens the map in **Preview** mode. You are provided with up to three different suggestions as to how you can continue your journey. Select one of the routes offered.

New Route: Deletes the starting point and all route points from the **ROUTES AND TRACKS** window so that you can plan a new route.

If necessary, save the previously planned route!

**Direct Help:** Opens a window in which you can find in quick and uncomplicated manner the addresses and phone numbers of offices in your direct vicinity that can be useful in emergencies. (Refer to "Direct Help" on page 74). If the navigation device is connected to a mobile phone, you can initiate a call here directly.

**Parking:** Starts navigation to a car park near the destination.

**Password Lock:** Opens a window in which the password can be configured. (Refer to "Password Lock" on page 18)

**Product Information:** Here you are shown the version numbers and copyright details of the hardware and software.

**Save Route:** Opens a window in which you can save the planned route under a specific name. (Refer to "Saving routes" on page 47)

**Routes and tracks:** Opens the **ROUTES AND TRACKS** window. Here you can plan routes, manage planned routes and start navigation on a planned route. (See "Multi-leg routes or tracks" on page 45)

**Route Profile:** Opens the **ROUTE PROFILE** window. Here you can view the options for route planning and, if necessary, change them.

**Skip Route Point:** Tap this button to omit the next route point. This button is active only when at least 2 route points still lie ahead of you. (Refer to "Multi-leg routes or tracks" on page 45)

**Simulation:** Simulates a navigation on the route indicated. This simulation can be performed without GPS reception. On multi-leg routes, only the first leg is simulated.

**POI on Your Route:** Opens a list with POIs lying on your route. A destination shown here can be selected as an interim destination and can be navigated to.

**Block:** Opens a window in which you can block a section of the route lying ahead in order to calculate a route which avoids this section, e.g. if you have heard on the radio of a traffic jam relating to this section. (Refer to "Block" on page 75)

**Save Position:** Opens the **SAVE DESTINATION AS...** window. Here you can save your current position under a certain name in the **FAVOURITES** list.

**Day/Night:** Changes between "Day" and "Night" display modes. The symbol indicates the current mode.

Rename: Opens a window in which you can change the name for the selected destination or route.

Traffic: Opens the **TRAFFIC INFORMATION** window in which pending reports are listed. (Refer to "TMC (Traffic Information)" on page 77)

Turn-by-Turn List: Shows detailed directions for the route, including all points at which you must turn. (Refer to "Turn-by-Turn List" on page 76)

Save Destination: Saves the selected address in the **FAVOURITES** list. (Refer to "Saving destinations" on page 44)

Add to Route: Opens the route planning. The address specified will be added as a route point. (Refer to "Multi-leg routes or tracks" on page 45)

Interim Destination: Sets the selected point as interim destination. The navigation system will first guide you to this interim destination. Afterwards you can continue navigation to your original destination.

## 9 Working with the map

### 9.1 Selecting the navigation map

Each country has its own navigation map. Seamless navigation over several maps on one continent is possible however if a continuous route can be calculated with the maps saved on the device.

Even if maps of countries in other continents are available on the navigation device, the **NAVIGON 8410** can only ever work with the maps of a single continent.

Tap in the **NAVIGATION** window on Options > Settings > Map Display in order to see which maps are currently in use. Here you can also select a different continent if the navigation device contains any maps of countries on other continents.

### 9.2 Map in Standard mode

The map is always in **Standard** mode when you are not navigating, have not calculated a route and are not searching for a destination on the map.

Under the following circumstances the map switches automatically to **Standard** mode:

- You begin a trip while the **NAVIGATION** window is open. The switch takes place after only a short while.
- You reach the destination of a navigation in **Vehicle** mode.

To open the map:

- In the **NAVIGATION** window, tap on Options > Show Map.



**Note:** If the voice commands function is not available for the language of the user interface, the Show Map button will be directly in the **NAVIGATION** window.



**Note:** If GPS reception is not good enough to establish your location, the map will be opened in **Destination search** mode.



The following features are typical for this view:

- Indicated in the middle of the lower third is your current position (orange arrow). The map view follows your movements so that your position is always visible on the screen.
- The scale of the map changes according to your speed.

### Map options in Standard mode

- Tap on Options. A window with several buttons opens.

The most important functions for navigation can be reached via buttons with symbols.

Other functions are found by tapping on one of the buttons Destination, Route, Services or General.



A description of all available options can be found in the chapter "Options" on page 50.

## 9.3

### Map in Preview mode

You have entered a destination and tapped on Start Navigation.

- or -

You have planned or loaded a route and tapped on Show Route.

The map opens in **Preview** mode.



- When the **MyRoutes** function is activated, up to three numbered routes are indicated on the map in different colours (orange, green, blue).

In the following cases only one route is shown:

- The **MyRoutes** function is deactivated.
- You have planned a route with more than one route point.
- A route profile with the Pedestrian speed profile is active.
- The route includes a track.

- The current position is indicated (orange arrow).

If you display a planned or loaded route and the specified starting point is not your current location, then it is possible that your current position will not be shown on the preview.

- The current route profile is indicated on the (Route Profile) button. The symbol illustrates the mode of transport on which the profile is based. (Refer to "Route profiles" on page 66)
  - Tap on the symbol to select a different route profile.
- For each route (orange, green, blue) there is a button with the same number and a symbol in the same colour. Indicated on each button are the estimated time of arrival, the total distance and the estimated duration of the particular route.

If traffic messages exist for a route, the number of messages is indicated in a small traffic sign on the button. The reported obstructions are also indicated on the route.

The route which corresponds best to the selected route profile is marked with "MyRoute".

If the **MyRoutes** function is not activated, only one route is presented.

As soon as you tap on a button, navigation along the route in question will start.

5 The destination is marked with a little flag.

If you display a planned or loaded route, the starting point and each route point will be marked with a little flag.

In the case of a multi-leg route, the distance and the estimated driving time for each leg are displayed.



- ▶ Tap on the **(Route Profile)** button (refer to the figure, point 3) in order to select a different route profile.

- ▶ To start the navigation, tap on the button for the route (see figure, point 4) you want to use for the navigation.

If you display a planned or loaded route, the route may be recalculated. The starting point for the calculation will now be your current location. You will first be guided to the first route point entered.

- ▶ Tap on Options > Turn-by-Turn List to view detailed directions for the route. (Refer to "Turn-by-Turn List" page 76)



- ▶ Tap on **(Destination search)** in order to view the map in **Destination search** mode. (Refer to "Map in Destination search mode" page 64)

## 9.4 Map in Navigation mode

How you are guided to your destination depends on various factors (the route profile selected, your current location, the type of route planning, etc.). Your navigation system automatically selects the optimum method.

### 9.4.1 Navigation in Vehicle mode

After the route was shown in **Preview** mode, navigation was started.

The map opens in **Navigation** mode.



- 1 Here is shown what signposts should be followed.
- 2 Here you can see any speed limits, warning signs or prohibiting signs (refer also to "Warn from bends" on page 73).
- 3 The route is highlighted in orange.
- 4 When two manoeuvres need to be executed in quick succession, the small arrow box indicates the second manoeuvre to be executed.
- 5 The large arrow box shows a diagram of the next junction which you should turn on to. The distance remaining to this junction is indicated underneath.

As you get closer to the junction you will see a spot diagram in addition to the distance:



The nearer you get to the junction, the more yellow spots are displayed.

If you don't have to change direction for a long time, you will see only a straight arrow. The distance you must continue straight on is indicated underneath the arrow.

- ▶ Tap on the large arrow box to hear current route instructions.
- 6 The **Traffic Information** box opens if a reported traffic obstruction affects your route.  
If a distance is indicated in the **Traffic Information** box, no detour route was calculated yet for the traffic obstruction in question.
  - ▶ Tap on the **Traffic Information** box in order to open the **PREVIEW TMC** window. It shows a map view with the route section affected by the message and a possible detour.

If no distance is indicated, all the obstructions which are reported for your route and would lead to a loss of time will be avoided.

- ▶ Tap on the **Traffic Information** box in order to open the **TRAFFIC INFORMATION** window. (Refer to "Displaying traffic messages" on page 78)



**Note:** The calculation of detour routes to avoid reported traffic obstructions can be performed automatically. (Refer to "TMC Settings" on page 80)

7 The Parking button appears when you are near your destination.

If you tap on this box you will be given two options:

- ▶ You can select a car park from where you can then continue on foot.
- ▶ When you have parked your vehicle, you can save the current position and continue the navigation on foot.



For a description of the Parking function refer to chapter "Parking near the destination" on page 71.

8 Ahead of many junctions the information from points 9 and 10 is hidden. Instead you are shown which lanes lead to your destination.

- ▶ Tap on the box in order to hide the lane information.

9 The height above sea level and the current speed are shown here.

10 In the **Total** box you can see the distance remaining to the destination, the estimated duration of the trip and the estimated time of arrival.

- ▶ Tap on the arrival time if you want to see the estimated driving time instead.
- ▶ Tap once again on the info box if you want to see the estimated time of arrival.

11 Your current position is indicated on the map (orange arrow). The section of the map displayed changes continually so that your current position is always in view on the map.

12 If you are navigating a multi-leg route, you will see the remaining distance to the next interim destination and the estimated time of arrival in the **Next** box.

- ▶ Tap on the arrival time if you want to see the estimated driving time instead.
- ▶ Tap once again on the info box if you want to see the estimated time of arrival.

13 The name of the route section that you need to drive onto next is shown in the upper road box.

14 The name of the section you are currently driving on is shown in the lower road box.



**Note:** The displays of many of the above mentioned areas can be configured in Options > Settings > Navigation. Some displays will only function if the required information is available on the map.



**Note:** If you tap on the large arrow box, the current route instruction will be repeated.



**Note:** If you leave the road system covered by the map, the navigation will switch to **Offroad** mode. (Refer to "Navigation in Offroad mode" on page 63)

- ▶ Tap on Options > Route > Turn-by-Turn List in order to view a turn-by-turn list. (Refer to "Turn-by-Turn List" on page 76)
- ▶ Tap on  (Destination search) in order to view the map in **Destination search** mode. (See "Map in Destination search mode" on page 64)

## Volume

The volume of the spoken driving instructions can be adjusted during navigation.

1. Tap on  (Volume).

The volume bar opens. It contains three buttons for adjusting the volume:



(Louder),



(Quieter),



(Volume on/off).

2. Tap on  (Volume) again or wait a few seconds.

The volume bar closes.

## Real City 3D

For several large cities the route through the city is shown in a near-photorealistic rendering.



Navigation in **Real City 3D** mode takes place in similar manner to navigation in **Vehicle** mode. The main difference is that the lane which you are to follow is not indicated in a small symbol at the right-hand edge of the screen. Instead the route shown leads directly via the correct lanes (the right-hand lane in the figure).



**Note:** The number of cities for which **Real City 3D** is available is growing all the time. We will provide you with regular free updates for a period of 12 months. Updating is very easy with the **NAVIGON Fresh** software which you can install on your computer using **NAVIGON Suite** or download free of charge from our website [www.navigon.com](http://www.navigon.com).

## Reality View Pro

The map switches to **Reality View** mode when you approach one of the following points while driving on the motorway:

- ▶ a motorway junction
- ▶ a three-leg motorway junction
- ▶ the exit you must take to leave the motorway



The **Reality View** mode shows with greater clarity the signposting and lanes you must follow.

This display does not change until you have passed the spot indicated. The map will then change back to **Navigation** mode.

- ▶ If you want to change to **Navigation** mode before then, just tap on any point on the map.



**Note:** The **Reality View** mode is not available for all motorway junctions and three-leg motorway junctions. Availability depends on the map material used.

#### 9.4.2 Navigation in Pedestrian mode

This mode is active if you have selected a pedestrian route profile for the navigation. These profiles can be identified by the  (Pedestrian) symbol.

After the route was shown in **Preview** mode, navigation was started.

You receive a route proposal which is calculated on the basis of the digitalised road system. You are also shown in which direction your destination lies. If you leave the proposed route, for example in order to take a more pleasant route through a park, you will still see at all times the direction in which your destination lies.

Please note:

- ▶ You will receive no navigation instructions. Instead you will receive a message when you are getting close to the destination.
- ▶ The map view follows your movements so that your position is always visible on the screen.
- ▶ If you leave the calculated route, the route will not be recalculated automatically.
- ▶ If you are navigating on a route and more route points are still to follow, navigation to the next route point will be started immediately after the message.
- ▶ Traffic messages are not taken into account.



- 1 The beeline to the destination is marked in red.
- 2 The direction in which your destination lies is indicated (red triangle).
- 3 The current position is indicated (orange arrow). You can see in which direction you are moving.
- 4 The part of the route which you have already covered is marked in green.
- 5 The route which was calculated using the digitalised road system is marked in orange.
- 6 In this box you are shown the distance remaining to the destination (beeline).
- 7 The compass indicates where north is.
- 8 The scale of the map section shown is indicated here. The length of the ruler corresponds to the distance indicated.

## Operating the map



Zoom Out: The map section shown becomes larger, but you will see fewer details.



Zoom In: The map section becomes smaller, but you will see more details.



Centre the position

**Activated:** When you move on, the map section shown will follow your movements. Your current position can always be seen on the screen.

You cannot drag the map section shown.

**Deactivated:** You can drag the map section shown. Simply drag the map in the desired direction.

The map section shown does not follow you when you move. You can "wander" off the map.



**Recalculate route:** Recalculates the route. Use this function if you have wandered far from the calculated route and would like a new route proposal.

#### 9.4.3 Navigation in Track mode

This mode becomes active if you have planned a route with a track for the navigation. (Refer to "Multi-leg routes or tracks" on page 45)

After the route was shown in **Preview** mode, navigation was started.

First the navigation guides you from your current location to the beginning of the loaded track. This navigation corresponds to the navigation of the selected route profile. (Refer to "Navigation in Vehicle mode" on page 56 and to "Navigation in Pedestrian mode" on page 61)

As soon as the first recorded point of the track is reached, the navigation switches to **Track** mode.

Navigation in **Track** mode works like navigation in **Pedestrian** mode. (Refer to "Navigation in Pedestrian mode" on page 61)

There are only a few differences:

- ▶ The **Recalculate route** function is not available.
- ▶ If more route points follow after the track, the navigation will switch back to the originally selected mode.

#### 9.4.4 Navigation in Offroad mode



**Note:** This mode does not become active if you have selected a pedestrian route profile for the navigation. These profiles can be identified by the  (**Pedestrian**) symbol.

Nor does it become active if you are navigating along a track. (Refer to "Navigation in Track mode" on page 63)

This mode becomes active under the following conditions:

- ▶ You begin the navigation at a point that lies off the digitalised road system or you move away from the digitalised road system during navigation.

The navigation then guides you in **Offroad** mode to the point on the digitalised road system from where you can best navigate again to the destination.

Once you reach any point on the digitalised road system, the navigation will be continued in **Vehicle** mode. (Refer to "Navigation in Vehicle mode" on page 56)

- ▶ During navigation in **Vehicle** mode you leave the digitalised road system.

The navigation then guides you in **Offroad** mode to the nearest point on the digitalised road system. If necessary the route will be recalculated.

Once you reach any point on the digitalised road system, the navigation will be continued in **Vehicle** mode. (Refer to "Navigation in Vehicle mode" on page 56)

- ▶ You have specified a destination that lies off the digitalised road system.

The navigation then guides you first in **Vehicle** mode to the point of the digitalised road system that lies nearest to the destination. From here the navigation continues in **Offroad** mode.

Navigation in **Track** mode works like navigation in **Pedestrian** mode. (Refer to "Navigation in Pedestrian mode" on page 61)

There are only a few differences:

- ▶ The part of the route already covered is not shown.
- ▶ The Recalculate route function is not available.

#### 9.4.5 Map options in Navigation mode

- ▶ Tap on Options. A window with several buttons opens.

The most important functions for navigation can be reached via buttons with symbols.

Other functions are found by tapping on one of the buttons Destination, Route, Services or General.



A description of all available options can be found in the chapter "Options" on page 50.

#### 9.4.6 Quitting navigation

You quit the navigation in the same way in all modes:

- ▶ Tap on (Back) in order to quit navigation. A dialog box will prompt you to confirm.

### 9.5 Map in Destination search mode

The map is always in **Destination search** mode, when a pair of cross hairs are to be seen. Indicated in the address box are the coordinates and, where applicable, the name of the street under the cross hairs.

When you are driving, the map does not change. It is always orientated with north at the top.



Zoom Out: The map section shown becomes larger, but you will see fewer details.



Zoom In: The map section becomes smaller, but you will see more details.



Zoom Mode: When this button is active you can mark out a section of the map with your finger.

Mark out the section from upper left to bottom right to zoom in until the section fills the screen.

Mark out the map section from bottom right to top left to zoom out.



Pan Mode: When this button is active you can change the section of map shown with your finger. Simply drag the map in the desired direction.



Entire Route: Zooms the map so that the entire route is visible.



Current Position: Selects the section of map displayed so that the current location is at the centre.

## 9.5.1 Operating in Destination search mode

1. Tap on the point to which you want to navigate.  
The destination that you have selected appears under the cross hairs.  
The geographical coordinates of the destination and the corresponding address are shown in the bottom third of the screen.

2. Tap on  (OK).

Buttons with various functions will be displayed.

**Take Me There:** Starts navigation to the selected point. If you are currently navigating, this route navigation will be cancelled.

**MyReport:** Opens the **MYREPORT** window. Here you can notify NAVIGON about any changes to traffic monitoring systems and routing.

**Interim Destination:** Sets the selected point as interim destination. The navigation system will first guide you to this interim destination. Afterwards you can continue navigation to your original destination.

This function is only active during navigation.

**Add to Route:** Adds the selected point to the route planning as the last point. Navigation will then continue to this point after you have reached the original destination or the other route points.

**Save:** Opens the **SAVE DESTINATION AS...** window. You can enter a name under which the selected point will be saved in the **FAVOURITES** list. (Refer to "Saving destinations" on page 44)

**Search Nearby:** Opens the **POI NEARBY** window. Here you can search for destinations near the selected point. (Refer to "POI nearby" on page 33)

- Tap on  (Destination search) or on  (Back) in order to quit **Destination search** mode. You will be returned to the window from which you started this mode.

## 10 Useful functions

### 10.1 Route profiles

Route profiles define the characteristics and special aspects of the different modes of transport which are to be taken into account when calculating routes. For example a route profile for bicycles will exclude motorways from the route calculation but will include roads which other vehicles are not allowed to use. And different arrival times will be calculated for a bicycle than for a motorcycle for example.

#### 10.1.1 Route profile settings

A route profile is made up of several settings:

- **Speed Profile:** defines the mode of transport (e.g. [Bicycle](#), [Pedestrian](#), [Car](#), ...)
- **Type of Route:** defines the type of route which is to be calculated (e.g. [Short Route](#), [Fast Route](#), ...)

- ▶ Consider Traffic Information: defines whether traffic messages are to be considered when calculating the route
- ▶ Motorways, Ferries, Restricted Areas: defines whether these types of road are allowed to be used
- ▶ Use of toll roads: defines whether toll roads are allowed to be used when calculating the route
  - ▶ Tap on the  (Edit) button. The **USE OF TOLL ROADS** window opens.
  - ▶ Adapt the individual settings to your requirements (Yes, No, Ask before). (Refer also to Configuring the NAVIGON 8410 on page 100)

If you activate the Ask before setting, every time your route can take a toll road you will be prompted to make the corresponding setting(s).

For each setting there is a  (Help) button. When you tap on it you will see an exact definition of the setting in question.

The number of possible settings depends on the selected speed profile. For example, for the Pedestrian speed profile there are no Motorways and Use of toll roads settings

## 10.1.2 NAVIGON basic profiles

A basic profile is already defined for each speed profile.



Bicycle



Pedestrian



Lorry



Motorbike



Car

The speed profile of a basic profile cannot be changed. You can adapt the other settings to your requirements.

Basic profiles cannot be renamed or deleted.

To have a choice of different profiles for example for several cars, you can create your own route profiles.

## 10.1.3 Creating a new route profile

You can create your own route profiles. This makes sense for example if you own two cars and only one has a prepaid toll disc for Austrian motorways.

1. Tap on Options > Settings.

If the map is open in **Standard** mode, tap on Options > General > Settings.

2. Tap on the  (Current Route Profile) button. This button can also show a different symbol.
3. Tap on the name of the route profile which you want to take as basis for the new profile.
4. Tap on Options > Copy.
5. Enter a name for the route profile.
6. Tap on Save.
7. Adapt the route profile to your requirements.
8. Tap on OK.

The new route profile is shown in the **ROUTE PROFILES** list.

#### 10.1.4 Selecting a route profile

1. Tap on Options > Route Profile.

If the map is open in **Standard** mode, tap on Options > Route > Route Profile.

2. Tap on the name of the route profile which you want to use.
3. Tap on OK.

#### 10.1.5 Managing route profiles

User-defined route profiles can be edited, renamed and deleted.

##### Editing a route profile

1. Tap on Options > Settings.

If the map is open in **Standard** mode, tap on Options > General > Settings.

2. Tap on the  (Current Route Profile) button. This button can also show a different symbol.
3. Tap on the  (Edit) button alongside the route profile that you want to edit.
4. Make the required settings.
5. Tap on OK.

The Use of toll roads setting is comprised of several individual settings. For example for each country with toll motorways you can select whether you want to use these roads for the navigation.

1. Tap on the  (Edit) button alongside the Use of toll roads setting. The **USE OF TOLL ROADS** window opens.
2. Adapt the individual settings to your requirements (Yes, No, Ask before).

If you activate the Ask before setting, each time the route preview wants to calculate a route with a toll road you will be asked whether you want to use the type of toll roads in question. You can then lay down this setting for future journeys as well.

### **Renaming a route profile**

1. Tap on Options > Settings.  
If the map is open in **Standard** mode, tap on Options > General > Settings.
2. Tap on the  (Current Route Profile) button. This button can also show a different symbol.
3. Tap on the name of the route profile which you want to rename.
4. Tap on Options > Rename.
5. Enter the new name for the route profile.
6. Tap on Save.



**Note:** Basic profiles cannot be renamed.

### **Deleting a route profile**

1. Tap on Options > Settings.  
If the map is open in **Standard** mode, tap on Options > General > Settings.
2. Tap on the  (Current Route Profile) button. This button can also show a different symbol.
3. Tap on the name of the route profile which you want to delete.
4. Tap on Options > Delete.
5. A dialog window prompts you to confirm deletion.
6. Tap on Yes.



**Note:** Basic profiles cannot be deleted.

## 10.2 Screenshots

You can create and save screenshots of the content currently shown on the screen at any moment.

### 10.2.1 Enabling screenshots

1. In the **NAVIGATION** window tap on Options > General > Enable Screenshots.
2. Select whether you want to enable screenshots (Yes) or not (No).

The  (Screenshots) button appears at the bottom right edge of the screen.

### 10.2.2 Creating a screenshot

- Tap on the  (Screenshots) button.

The screen is saved as a graphic. The  (Screenshots) button is not shown in the figure.

The screenshots are saved in the **\screenshots** folder. This folder can be found either in the internal memory of the navigation device, on the inserted memory card or in both memories.

## 10.3 Tracks

You can record any section of a route you take, even if it lies off the digitalised road system.

You can record for example a bicycle tour and follow the same route again some time later.

Tracks are saved in KML data format. KML is a widely used data format. You can also play back your tracks for example in Google Earth on your PC.

### Recording a track

You can record a track when the map is open in **Navigation** mode or in **Standard** mode.

1. Tap on Options > Services > Start Recording.

The **START RECORDING** window opens.

2. Enter a name for the planned recording.



**Note:** Only Latin characters are available for naming tracks.

3. Tap on Start Recording.

Starting from your current position, the navigation device will record the entire route you now take.

The  (Record Track) symbol appears at the top right edge of the screen throughout the recording.

The recorded route is saved in the **SAVED ROUTES AND TRACKS** list in KML data format. It can be loaded again from there at any time.

### Stopping the recording

- ▶ Tap on Options > Services > Stop Recording.

The recording is stopped. The recorded route is saved in the **SAVED ROUTES AND TRACKS** list in KML data format. It can be loaded again from there at any time.



**Note:** Switching off the navigation device will only interrupt the track recording. If you want to stop the recording, you must proceed as described above.

### Using a track for navigation

You can load saved tracks as part of planning a route. (Refer to "Loading routes or tracks" on page 47)



**Note:** All tracks that have been saved in KML data format are suitable for route planning. Use **NAVIGON Fresh** in order to load tracks from other suppliers onto your navigation system.



**Note:** When you are navigating along a recorded track, any incoming TMC messages will not be checked to see if they concern the track in question.

## 10.4 Parking near the destination



When you get close to your destination, the  (Parking) button will appear on the display. This button also remains visible after you have reached your destination as long as you stay close to the destination and the map is not closed.

The following scenarios are imaginable:

### Continuing on foot

You see a car park, park your vehicle and want to continue to the destination on foot.

1. Tap the  (Parking) button.
2. Tap on Pedestrian mode.

The following message appears: "Your current position has been saved. You will find it in the 'Favourites' list as 'My Vehicle'. This enables you to easily find the way back to your vehicle."

3. Tap on OK.

The position of your vehicle is marked on the map by an asterisk in orange.

The navigation continues to guide you to the destination in **Pedestrian** mode.

## Searching for a car park

You want to be guided to a car park near the destination. From there you want to walk to the destination.



1. Tap the  (Parking) button.
2. Tap on Parking Close to Destination.  
A list opens. You are shown possible car parks in order of distance from your destination.
3. Tap on the car park where you want to park your vehicle.  
You are shown more information about this car park.
4. Tap on Add.
5. The navigation now guides to the selected car park in the mode corresponding to the selected route profile. When you arrive there, the following message appears: "Your current position has been saved. You will find it in the 'Favourites' list as 'My Vehicle'. This enables you to easily find the way back to your vehicle."
6. Tap on OK.  
The position of your vehicle is marked on the map by an asterisk in orange.

The navigation continues to guide you to the destination in **Pedestrian** mode.

## Back to the destination

You have reached your destination. Navigation has ended. For some reason, however, you carry on driving, perhaps because you were unable to find a place to stop. Now you want to be guided back to the destination.



1. Tap on the  (Parking) button.
2. Tap on Last Destination.

The navigation now guides you back to the original destination in the mode corresponding to the selected route profile.

## 10.5 Nearby

During the navigation, or after having opened the map using the Show Map button, you can have POIs, Favourites and traffic information of the current map view shown in a clearly arranged list.



**Note:** This function is not available if the map was opened in one of the modes **Destination search**, **Preview**, **Real City 3D** or **Reality View**.

1. Tap on any point on the map.

The **NEARBY** list opens. It contains POIs, Favourites or traffic messages of the current map view.

2. Tap on an entry in the list in order to receive detailed information about it.

You have the following options:

- ▶ Tap on Interim Destination in order to set the selected point as an interim destination. The navigation system will first guide you to this interim destination. Afterwards you can continue navigation to your original destination. The Interim Destination button is available in navigation mode only.
- ▶ Tap on Start Navigation in order to navigate to the selected point.
- ▶ Tap on Cancel in order to close the list again.



**Note:** The **Nearby** function is available only if GPS reception is good enough.

## 10.6 Warn from bends

You can have the **NAVIGON 8410** give a warning if you approach sharp or narrow bends quickly or too quickly when driving in non-built-up areas.

If you approach a bend quickly or too quickly, the  (**Bend to the left**) symbol will appear on the screen

or the  (**Bend to the right**) symbol will appear in the apex of the bend.



At the same time the  (**Warning - bend to the left**) or  (**Warning - bend to the right**) sign will be shown on the screen at top left.



**Caution!** Warnings of bends do not relieve you of your duty to pay full attention at all times to what is happening on the road. You alone are responsible for adapting your speed to the given conditions at all times.

You can configure the bend warning function at Options > Settings > Navigation > Bend Warning.

## 10.7 Direct Help

If you arrive at the scene of an accident or have an accident yourself, it may be necessary to call for emergency aid and to give the answering office your current location.

- ▶ Tap on Options > Direct Help.

The **DIRECT HELP** window opens.

If GPS reception is good enough, the address and the geographic coordinates of your current location will be indicated.

- ▶ Tap on  (Show on Map) if you want to view your current location on the map.

In the bottom half of the window you will find the buttons for 4 categories: Petrol Station, Police Station, Hospital, Pharmacy.

- ▶ Tap on the corresponding button.

The nearest help point in the selected category will be indicated. You are shown the name, address, phone number (if known) and distance of the help point from your current location.

You have the following options:

- ▶ Tap on the Call button to call the number indicated.  
The Call button is not available if no phone number is saved for the help point or if the navigation device has no Bluetooth connection to a mobile phone.
- ▶ Tap on the Map button in order to see your location and the help point on the map. This gives you an overview of the route to the help point.
- ▶ Tap on Start Navigation. You will then be guided directly to the displayed help point.
- ▶ You can use the  (Up) and  (Down) buttons to select other help points in the selected category.  
The help points are sorted by distance from your current position.
- ▶ Use the  (Back) button to return to the **DIRECT HELP** window.



**Note:** Only those help points are displayed which are situated no further than than 30 mi from your position.

---

## 10.8 GPS Status, saving the current location

In the **GPS STATUS** window you will find an overview of the data the navigation system calculates from the GPS signals it receives.

The GPS status can be accessed from the options button in many windows.

- ▶ Tap on Options > GPS Status.

The current location can be saved in the **FAVOURITES** list.

1. Tap on Save Position.

The **SAVE DESTINATION AS...** dialog box opens.

2. Enter a name for the destination.
3. Tap on Save.

## 10.9 Block

You can block a leg of the route at any time during a navigation, i.e. to re-calculate the route in order to avoid the leg, e.g. if you have heard on the radio of a traffic jam affecting this section.



**Note:** The block is valid only for the current navigation. It no longer exists on a new navigation.

You are currently in a navigation. The map is open in **Navigation** mode.

1. Tap on Options.  
Buttons with various functions will be displayed.
2. Tap on Block.  
The **BLOCK** menu opens. It contains buttons with different distance values.
3. Select the distance you want to block.



**Note:** If you are currently driving on a motorway, the alternative route will begin at the next exit. Indicated on the buttons is the junction up to which the block extends.

The system recalculates the route. The blocked route section will be avoided. It is marked on the map in red.

### Unblocking a route section

- ▶ Tap on Options > Unblock.

The block will be lifted. The system recalculates the route. The unblocked route section can now be integrated into the calculation.

## 10.10 Turn-by-Turn List

You can display detailed directions of the calculated route before starting navigation or at any time during navigation. This list displays all of the driving instructions in table form.

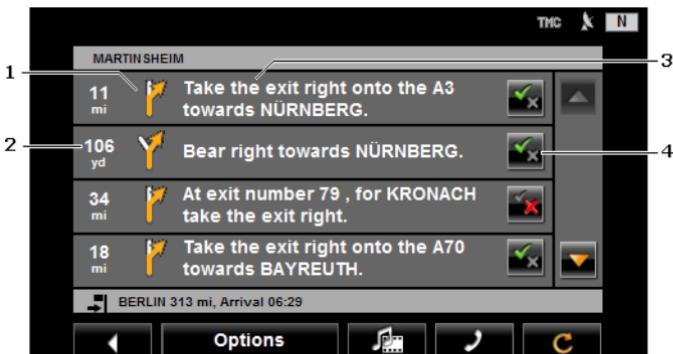
The map is open in **Preview** mode:

- Tap on Options > Turn-by-Turn List.

The map was opened in **Navigation** mode or in **Reality View** mode:

- Tap on Options > Route > Turn-by-Turn List.

The **TURN-BY-TURN LIST** window opens.



- 1 Schematic depiction of the next junction where you must make a turn.
- 2 Distance to this junction.
- 3 Route instruction and if available the name of the street into which you must turn.
- 4 Indicates whether you want to drive on the route section in question or not.

(Allow): The section in question is allowed on the route.

(Forbid): The section in question is not allowed on the route.

### Blocking route sections

1. Tap on the route sections that you do not want to travel on so that the (Forbid) symbol appears next to them.
2. Tap on (Modify Route).

The navigation system calculates an alternative route avoiding the route sections selected. The new driving instructions are displayed in the **TURN-BY-TURN LIST** window.

3. Tap on  (Back) in order to close the **TURN-BY-TURN LIST** window again.

## Removing blocks and using original routes

Section blocks can be removed at any time.

- In the **TURN-BY-TURN LIST** window, tap on Options > Calculate Original Route.

## 10.11 TMC (Traffic Information)

The integrated TMC receiver enables the navigation system to make use of current traffic messaging. If necessary it can change your route dynamically, for example in order to avoid a traffic jam.



**Note:** TMC is available free of charge in many European countries. PremiumTMC, promising a faster and more up-to-date service, is offered (exclusively or in addition) in some countries at a charge.

You can subscribe to PremiumTMC services on our website [www.navigon.com](http://www.navigon.com).

### 10.11.1 Preview TMC

If a new traffic message concerning your route arises while navigation is in progress, the Traffic Information button will appear at the right edge of the screen.

#### Recalculate Route: Automatically

If you have selected Recalculate Route for the Automatically setting, the button will not show a distance. The traffic obstruction will be avoided automatically.

#### Recalculate Route: On Request

If you have selected On Request, then the distance to the reported traffic obstruction will be indicated on the button. The button will turn red if the distance is less than 50 km.

- Tap on the  (Traffic Information) button.

The **PREVIEW TMC** window opens. It shows a map view with the route section affected by the message. If the reported obstruction is likely to involve a considerable loss of time, a possible detour will also be shown.



Zoom Out: The map section shown becomes larger, but you will see fewer details.



Zoom In: The map section becomes smaller, but you will see more details.



Original map section: The original map section is shown again.

► Tap on the button of the route you want to follow.

- or -

► Tap on the Details button.

The **TRAFFIC INFORMATION** window opens. (Refer to "Displaying traffic messages" on page 78)



**Note:** If you tap on a traffic symbol (in the display: ) in the map view of the **PREVIEW TMC**, a window with detailed information about this message will open. (Refer to "Showing a single message in detail" on page 80)

### 10.11.2 Displaying traffic messages

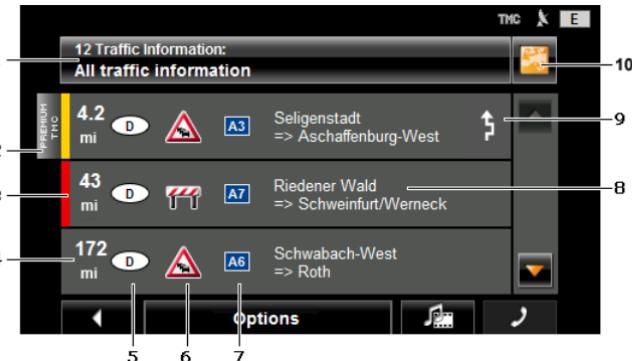
Current traffic information is available via the options button in many windows.

► In the **NAVIGATION** window, tap on Options > Traffic.

The **TRAFFIC INFORMATION** window opens.

You can use the (Up) and (Down) buttons to scroll in the list of messages.

- Tap on  (Back) in order to close the **TRAFFIC INFORMATION** window again.



- 1 The Traffic Information button shows the type of traffic messaging listed and how many messages of this type are in the list.
  - Tap on Traffic Information in order to select the messages you want displayed.
- 2 This mark indicates that the message in question comes from a PremiumTMC provider.
- 3 Here you can see how serious the obstruction is:
  - Red:** The affected section of the route is fully blocked by the obstruction or involves a considerable loss of time to pass through. This can be the case for example when several lanes are blocked off due to an accident.
  - Yellow:** The section is not fully blocked by the obstruction but there is a threat of delays. This can be the case for example with slow-moving traffic.
  - No colour:** The obstruction is not classified as serious. This can be the case for example when slow-moving traffic is reported on a very short section, when SOS telephones are not working or when parking areas are blocked off.
- 4 Here you can see how far you are from this obstruction. If the obstruction does not lie on your route or if a detour route was already calculated for this obstruction, then the distance as the crow flies will be shown.
- 5 Here you can see in which state the obstruction lies.



**Note:** Most radio stations report only traffic obstructions in their own state.

- 6 Here the reported obstruction is displayed as a traffic sign.
- 7 Here the affected road is indicated.

- 8 Here you can see on which section of the road the obstruction lies.
- 9 This symbol appears only when the reported obstruction affects your route. Here you see how the obstruction is treated:



**(Detour):** An alternative route avoiding the traffic obstruction is calculated.



**(Ignore):** This obstruction is ignored.



**(Automatically):** You leave it to the navigation system to decide whether to calculate an alternative route or not.

- ▶ Tap on the button to select the next alternative setting.

- 10  **(Show on Map):** This button is only available if at least one of the indicated messages concerns your route. Tap on this button in order to open the **PREVIEW TMC** window. (See "Preview TMC" on page 77)

### 10.11.3 Showing a single message in detail

- ▶ Tap on a message to display this information in detail.



The **NAVIGON 8410** announces the traffic message in question if the detail view is open. The announcement of traffic messages is not possible in every language however.

- ▶ Tap on the  **(Show on Map)** button in order to view the section concerned on the map.

### 10.11.4 TMC Settings

- ▶ In the **TRAFFIC INFORMATION** window tap on Settings.

In the **TMC SETTINGS** window you can set the TMC traffic station and configure whether the reception of a traffic message concerning your route should affect your route planning and if so how.

#### Tuning Mode

Tap on Tuning Mode and select a method for selecting the TMC radio station.

- ▶ **Automatic:** Use the arrow buttons in the station section to tune into another station. The system will search for another station if reception becomes poor.
- ▶ **Hold station:** Use the arrow buttons in the station section to tune into another station. The system will search for the same station on a different frequency if the signal becomes poor.

- ▶ Hold frequency: You can use the arrow keys in the station area to select another frequency. The system will not search for another station if reception becomes poor.

### Recalculate Route

Tap on Recalculate Route and select how new traffic messages concerning your route are to be used.

- ▶ Automatically: An alternative route will be calculated automatically. The system will inform you about the recalculation.
- ▶ On Request: An announcement from the navigation device tells you that a traffic message concerns your route. On the screen the Traffic Information box indicates the distance to the reported traffic obstruction.

Tap on the Traffic Information box. You can then decide whether an alternative route is to be calculated or not.

## 10.12 Logbook

You can use the **NAVIGON 8410** to record a logbook. The logbook is recorded in the "Logbook.xls" file. You can open the file with Microsoft Excel. Each recorded trip is added at the bottom of the table as a new entry.

The first time a trip is recorded, the "Logbook.xls" file will be created in the "NAVIGON\Logbook" folder. If you delete or move this file, a new file will be created when you next record a trip.

### Recording trips

You can have all trips recorded automatically.

1. In the **NAVIGATION** window tap on Options > Settings > Navigation.
2. Set Logbook to Yes.
3. Tap on OK.

Every trip from now on will be recorded until you reset Logbook to No. It is possible, however, to exclude individual trips from the recording.

### Before a trip

If your trips are recorded in the logbook, a window for entering the trip's key data is opened before navigation starts. You can also decide, however, not to record the trip in question.

- ▶ If you don't want to record the trip in question, tap on  (Cancel).
  - or -
- 1. In the Reason for the Trip box select a reason for the trip from the list of possibilities.

2. Enter a name for this entry, e.g. "Trip to customer X", in the Logbook Entry box.
3. Enter the mileage.

## 11 Media Player

Integrated in the **NAVIGON 8410** is a multimedia player. You can use it to listen to music, look at pictures or play back a video.



**Note:** Listening to music too long and too loud can damage your hearing. Do not hold the loudspeaker of the **NAVIGON 8410** directly against your ear!

### 11.1 Suitable files

The following multimedia formats are supported:

- ▶ Video: WMV
- ▶ Audio: WMA
- ▶ Pictures: JPEG, PNG, TIF, JIF and BMP



**Note:** Codecs for additional formats can be purchased in our online shop at [www.navigon.com](http://www.navigon.com). Use **NAVIGON Fresh** for the download.

### 11.2 Opening the media player

When the **START** window is open:

- ▶ Tap on Media Player.

When the navigation application is open:

- ▶ Tap on the  (Media Player) button, which can be seen at the bottom edge of many windows.

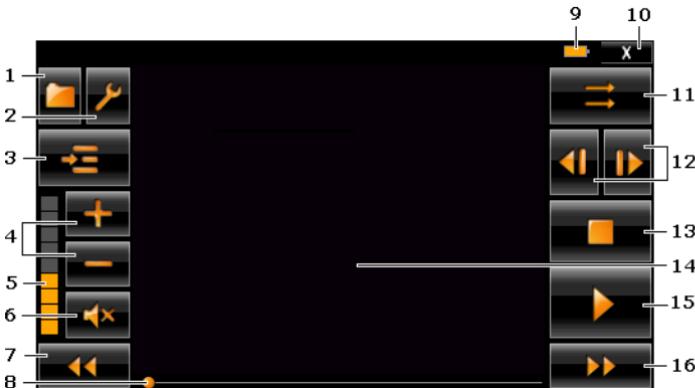
The following message appears:

"Caution! Do not watch any picture shows, videos or television programmes while you are driving! Inform yourself about the regulations in force in the country in which you are travelling. The use of these functions may be generally prohibited during the journey."

- ▶ After you have read and fully understood the message, tap on OK.  
If you do not accept the content of the message, tap on Cancel in order to close the media player again.

The **MEDIA PLAYER** window opens.

## 11.3 Operating the media player



- 1 Opens the **FILE MANAGER** window. Here you can choose the media data which you want to play back or view.
- 2 Opens the **SETTINGS** window. Here you can configure the media player. (Refer to "Configuring the Media Player" on page 87)
- 3 Opens the **PLAY-BACK LIST** window. Here you can select play-back lists or create new play-back lists. (Refer to "Play-back lists" on page 85)
- 4 Louder/Quieter
- 5 Volume
- 6 Mute/Unmute
- 7 Reverse mode in the currently played musical item or video.
- 8 Progress indicator
- 9 Indicator for the battery charge level (refer to "Energy" on page 21)
- 10 Back to the previously opened window.
- 11 Order of play-back:
  - ▶ Shuffle Mode off.
  - ▶ Shuffle Mode on.
- 12 Jumps to the previous/next picture, musical item or video.
- 13 Stop: Stops the play-back.
- 14 Display: The name of the file which is to be played back when you tap on (OK) appears at the top edge.
  - ▶ Tap on the display in order to switch to full screen mode.
  - ▶ Tap on the display again in order to close full screen mode.

15  (OK): Plays the current title.

16  (Pause): Interrupts the play-back.

17 Fast forward mode in the currently played musical item or video.

## 11.4 Selecting the media files you want to play back

- ▶ In the **MEDIA PLAYER** window tap on  (File Manager).  
The **FILE MANAGER** window opens.

At the top you will see the path of the folder whose content is now being shown. Underneath is a list of files and sub-folders. These are marked as follows:



Media file: Only files which can be played back by the media player are shown. (Refer to "Suitable files" on page 82)



**Note:** Tap on the  (Open List) button at the right edge of the screen to specify which media files are played back (Cancel, Folder, File Manager or Open List).



Folder: Sub-folders of the current folder are shown.

- ▶ Tap on a sub-folder in order to open it.



**Note:** If the sub-folder has no playable audio files and no sub-folders, it cannot be opened.

- ▶ Tap on  (Up one level) in order to open the next higher folder.
- ▶ Tap on the selection box alongside a media file in order to select it for play-back. A checkmark will appear in the selection box. The file will remain selected even if you open another folder.
- ▶ Tap on the checkmark alongside a selected media file in order to cancel the selection. The selection box is empty again.
- ▶ Tap on Select in order to select all media files in the current folder.
- ▶ Tap on Create in order to cancel the selection. No file is selected any longer.
- ▶ Tap on Description in order to play back the selected files.



**Note:** The selection you just made is saved in the "**Recent files**" play-back list. If a "**Recent files**" play-back list already exists, it will be overwritten without query.

Tap on  (Back) in order to return to the **MEDIA PLAYER** window.

## 11.5 Play-back lists

Play-back lists are groups of media files. For example, if you like listening to a particular sequence of musical items, you can create a matching play-back list. Then you need only select this one list instead of selecting all the musical items separately each time.

Media files from several folders can be listed in a play-back list.

A media file can appear in several play-back lists.

### 11.5.1 Creating a play-back list

1. Tap on the  (Play-back list) button in the **MEDIA PLAYER** window.

The **PLAY-BACK LIST** window opens.

2. Tap on New.

3. Enter a name for the play-back list.

4. Tap on  (OK).

The **FILE MANAGER** window opens.

5. Select the files which you want to add to the play-back list. You can select files from several folders. (Refer to "Selecting the media files you want to play back" on page 84)

6. Tap on OK.

The **MEDIA FILE** window opens. The name of the new play-back list is shown in the list.

- Tap on OK if you now want to play back the complete play-back list.  
- or -

- Tap on  (Back) in order to return to the **PLAY-BACK LIST** window.

### 11.5.2 Saving the "Recent files" play-back list

1. Tap on the  (Play-back list) button in the **MEDIA PLAYER** window.

The **PLAY-BACK LIST** window opens.

2. Tap on Open.

The **MEDIA FILE** window opens.

3. Tap in the list on "**Recent files**" (first entry).

4. Tap on Save as....
5. Enter a name for the list.

6. Tap on  (OK).

The **MEDIA FILE** window opens again.

### 11.5.3 Selecting a play-back list

1. Tap on the  (Play-back list) button in the **MEDIA PLAYER** window.

The **PLAY-BACK LIST** window opens.

2. Tap on Open.

The **MEDIA FILE** window opens.

3. Tap on the name of the play-back list you want in order to mark it.
4. Tap on OK in order to play back all the files in the marked list.

- or -

Select a single file from the list:

- ▶ Tap on Open.
- ▶ Tap on the file you want.
- ▶ Tap on OK.

### 11.5.4 Editing a play-back list

You can

- ▶ add more files to a play-back list,
- ▶ die Abspielreihenfolge ändern,
- ▶ delete individual files from a play-back list,
- ▶ delete complete play-back lists.

Proceed as follows:

1. Tap on the  (Play-back list) button in the **MEDIA PLAYER** window.

The **PLAY-BACK LIST** window opens.

2. Tap on the Open button.

The **MEDIA FILE** window opens.

3. Tap on the name of the play-back list which you want to edit.

#### Deleting a play-back list

4. Tap on Delete.
5. Tap on OK.

## Adding files

4. Tap on Edit.
5. Tap on  (Add).
6. Select the files which you want to add to the play-back list. (Refer to "Selecting the media files you want to play back" on page 84)
7. Tap on OK.

## Changing the play-back sequence

4. Tap on Edit.
5. Tap on the file which you want to shift.
6. Tap on  (Up) or  (Down) in order to shift the selected file by one position up or by one position down.
7. Tap on OK.

## Deleting files from a play-back list

4. Tap on Edit.
5. Tap on the file which you want to delete.
6. Tap on  (Delete).
7. Tap on OK.

## 11.6 Configuring the Media Player

You can configure the media player in the **SETTINGS** window.

### Making changes



1. Tap on  (Settings)

The **SETTINGS** window opens.

2. Tap on the  (Open List) button alongside the setting which you want to change and select the value you want.
3. To save your modifications, tap on OK.

- or -

Tap on Next in order to reset the settings to the standard settings.

- or -

Tap on  (Back) in order to discard the changes you have made.

The **MEDIA PLAYER** window opens.

## Possible settings

### Repeat

Here you can set the repeat mode for the files of the current play-back list (None, Current File, All).

### Slide show

Here you can choose whether to show your pictures as a slide show and if so for how long each picture is to appear (No, 1 second, 2 seconds, 5 seconds).

---



**Note:** Only pictures can be presented. For slide shows the **Repeat** setting must always be All.

---

### Aspect ratio

Here you can choose between various video formatting options (Stretched, Letter box, Cropped).

## 12 Handsfree Module

The hands-free module supports Bluetooth connections to Bluetooth-capable mobile phones and headsets.

If you have set up a connection to a mobile phone, you can use the **NAVIGON 8410** as a hands-free module for your mobile phone.

If you have set up a connection to a Bluetooth headset, you will hear the voice instructions from the navigation software via the headset. This is useful for example when travelling on a motorcycle. All other functions described in this chapter are not available when connected to a headset.



A compatibility list of all supported mobile phones can be found on our website [www.navigon.com](http://www.navigon.com).

### Opening the hands-free module

- ▶ In the **START** window tap on  (Phone).
- or -
- ▶ Tap in the navigation application on  (Phone).

The **HANDSFREE MODULE** window opens.

When you start the Bluetooth application for the first time, a window will open in which you can start a search for Bluetooth-capable devices.

- ▶ Tap on Yes if you want to start the search now and set up a connection to your mobile phone or your headset. As soon as the **NAVIGON 8410** has found your Bluetooth device you can initiate the pairing (refer to "Pairing with a device" on page 90).
- ▶ Tap on No if you want to initiate the connection later. (Refer to chapter "Searching for and pairing Bluetooth devices" on page 89)

## Operating the hands-free module

All functions can be reached from the **HANDSFREE MODULE** window.

- ▶ Tap on  (Navigation) in order to move the navigation application into the foreground.
- ▶ Tap on  (Back) in order to close the hands-free module and return again to the previously opened window.

## 12.1 Connection with Mobile Phone

For you to be able to use the Bluetooth function of the **NAVIGON 8410**, the navigation device must be connected to the Bluetooth device.

**Note:** Both the **NAVIGON 8410** and the mobile phone must be configured accordingly in order for a Bluetooth connection to be set up between the two devices. Headsets are suitably configured at the factory.



For details of how to configure the **NAVIGON 8410** refer to the chapter "Settings" on page 99.

For details of how to configure the mobile phone or headset refer to the related manual issued by the manufacturer.

### 12.1.1 Searching for and pairing Bluetooth devices

Pairing is the term used for setting up a coded connection between two Bluetooth devices. This requires each of the two devices to send the same password to respectively the other device. The password and the connection data are saved on both devices, which means that pairing is necessary once only when the connection is set up for the first time. Paired devices are saved in the **TRUSTED DEVICES** list.

The **NAVIGON 8410** can connect automatically to the last connected device as soon as it is within range.

The hands-free module of the **NAVIGON 8410** can save and manage the connection data of up to three paired mobile phones and one headset. From each paired mobile phone it is possible to import the phone book and recent calls and to save this information with the connection data.



**Note:** In this case the phone book and recent calls are only available when the phone in question is connected. For details of how to import the phone book and recent calls refer to the chapters "Import Phone Book" on page 92 and "Import recent calls" on page 93.

## Searching for devices

1. Make sure that the Bluetooth function is activated on both the mobile phone and the **NAVIGON 8410**. If you want to set up a connection to a headset, the headset must be switched on. Additional information can be found in the manual issued for the headset.
2. Tap in the **HANDSFREE MODULE** window on the (Trusted Devices) button. The **TRUSTED DEVICES** window opens.
3. Tap on Options > Search for Devices.

The navigation device starts the search for Bluetooth devices and lists all the devices it recognises in the **DISCOVERED DEVICES** window. The symbol to the left of the device name indicates whether the device is a mobile phone or a headset.

## Pairing with a device

4. Tap in the **DISCOVERED DEVICES** window on the (Connect) button or on the name of the device you want to connect to.
  - ▶ If pairings already exist with three mobile phones or a headset, you will now be prompted to delete a device from the **TRUSTED DEVICES** list. (Refer to "Deleting a device" on page 92)
5. The navigation device prompts you to enter a password.
  - ▶ If you are setting up a connection to a mobile phone, enter a password (1–16 digits) in the **Key** box and tap on (OK). Then enter the same password on the mobile phone.
  - ▶ If you are setting up a connection to a headset, enter the headset password. This password and additional information about pairing can be found in the manual issued for the headset.

The pairing is performed and a connection is set up between the two devices. The connected device is indicated in the **TRUSTED DEVICES** list. (Green symbol.)

## 12.1.2 Pairing from the mobile phone



**Note:** Please consult the mobile phone's manual if you are uncertain about how to carry out the following steps on the mobile phone.

1. Make sure that the Bluetooth function is activated on both the mobile phone and the **NAVIGON 8410**. To perform the pairing from the mobile phone, the functions **NAVIGON 8410** and Discoverable by Others must also be activated on the Others May Connect.
2. Using your mobile phone, search for other Bluetooth devices. The navigation device is detected as **NAVIGON**.
3. Initiate a connection to the detected **NAVIGON** device. The mobile phone prompts you to enter a password.
4. Enter a password (1-16 digits). The **NAVIGON 8410** prompts you to enter a password.
5. Enter the same password in the Key box as on the mobile phone and tap on (OK).

The pairing is performed and a connection is set up between the two devices. The connected device is indicated in the **TRUSTED DEVICES** list. (Green symbol (Connected).)

## 12.1.3 Connecting to a device

The word connect describes any subsequent connections between paired Bluetooth devices. No further password entry is necessary when connecting.

### Connecting automatically



**Note:** For automatic connection to be possible, the **NAVIGON 8410** must be saved in the Bluetooth settings on your mobile phone as "authorised" or "authorised device" (the exact wording can vary from manufacturer to manufacturer). For more details refer to your mobile phone manual.

If the device you want to connect to was the last connected device and the Reconnect Automatically setting is activated, the connection will be set up automatically as soon as the device is within range.

### Connecting manually

If a Bluetooth connection to a device is active, you must disconnect this connection first before you can connect to a different device. The existing connection is disconnected automatically as soon as the connection to a different device is initiated.

1. Make sure that Bluetooth is activated on your navigation device.
  - If you want to connect to a mobile phone, make sure that Bluetooth is activated on the mobile phone and that the Discoverable by Others and Others May Connect functions are also activated.
  - If you want to connect to a headset, make sure that the headset is switched on.
2. Tap on the  (Trusted Devices) button in the **HANDSFREE MODULE** window.

The **TRUSTED DEVICES** window opens. A currently connected device is indicated by the green symbol  (Connected).

3. Tap in the **TRUSTED DEVICES** window on the  (Connect) button or on the name of the device you want to connect to.

If a connection currently exists to a different device, the connection will be disconnected. The **NAVIGON 8410** connects to the selected device.

#### 12.1.4 Deleting a device

You can delete the connection data of paired devices. The device is then no longer shown in the **TRUSTED DEVICES** list. If you imported the phone book or recent calls from this device, these data will be deleted from the navigation device.

1. In the **HANDSFREE MODULE** window, tap on  (Trusted Devices).  
The **TRUSTED DEVICES** window opens.
2. Tap on Options > Delete Device.  
The **DELETE DEVICE** window opens.
3. Tap on the  (Delete Device) button to the right of the device you want to delete.  
You will be requested to confirm deletion.
4. Tap on Yes.  
The device is deleted from the **TRUSTED DEVICES** list.

#### 12.1.5 Import Phone Book

For each paired mobile phone in the **TRUSTED DEVICES** list it is also possible to import its phone book and save it together with the connection data. Access to the phone book of a mobile phone is then only possible when the **NAVIGON 8410** is connected to the mobile phone from which the phone book was imported. As soon as you connect to a different phone or disconnect the connection, the phone book will no longer be available on the hands-free module.

1. Set up a connection to the mobile phone whose phone book you want to import. (See chapter "Connecting to a device" on page 91)
2. Tap in the **HANDSFREE MODULE** window on the Phone Book button.

The phone book import is started. Depending on the size of the phone book this can take some time. When the import is completed, the phone book is opened.



**Note:** It can take some time to import a phone book depending on its size. During the import you can move the Bluetooth application into the background in order e.g. to show the map during navigation. Tap in the window opened during the import on the To background button in order to move the navigation application into the foreground.

## Editing and updating a phone book

The phone book cannot be edited in the hands-free module. If you want to change or delete an entry in the phone book, you must make the changes on your mobile phone and then update the phone book on the hands-free module. The phone book is re-imported for the update.

1. Set up a connection to the mobile phone whose phone book you want to update. (Refer to chapter "Connecting to a device" on page 91)
2. Tap in the **HANDSFREE MODULE** window on the Phone Book button. The phone book of the connected phone is opened.
3. Tap on Options > Refresh.  
The phone book import is started.



**Note:** Deleting the complete phone book is possible only by deleting the mobile phone from the **TRUSTED DEVICES** list. (Refer to "Deleting a device" on page 92). In this case the connection data, phone book and recent calls will all be deleted, which means that you will have to repeat the pairing routine in order to set up a connection with the device again.



For more details about the phone book refer to the chapter "Calling a contact from the phone book" on page 96.

### 12.1.6 Import recent calls

For each paired mobile phone in the **TRUSTED DEVICES** list it is also possible to import its recent calls and save them together with the connection data. Access to the recent calls of a mobile phone is then only possible when the **NAVIGON 8410** is connected to the mobile phone from which the recent calls were imported. As soon as you connect to a different phone or disconnect the connection, the recent calls will no longer be available on the hands-free module.

1. Set up a connection to the mobile phone whose recent calls you want to import. (See chapter "Connecting to a device" on page 91)
2. Tap in the **HANDSFREE MODULE** window on the Recent Calls button. The recent calls import is started. When the import is completed, the recent calls are shown.

## 12.2 Taking a call

When you receive a call, the **INCOMING CALL** window will open. The name and the number of the caller will be displayed if this information is available. (If the caller's number is displayed but does not exist in the phone book, **Unknown caller** will be displayed instead of the name. If the number is suppressed, **Phone number hidden** will be displayed.)

- ▶ Tap on Accept if you want to take the call.  
The **CALL IN PROGRESS** window opens.
- ▶ Tap on Reject if you do not want to take the call.



**Note:** Navigation instructions are muted during a call.

## 12.3 Making a call

With the **NAVIGON 8410** you can make a call in various ways:

### 12.3.1 Making a call with the voice commands function

It is particularly convenient to make a call with the voice commands function.

1. In the **HANDSFREE MODULE** window tap on Voice Command.  
- or -  
In the navigation application activate the voice commands function by drawing your finger quickly over the **NAVIGATION** window in a diagonal line. Then say "Call".  
The **VOICE COMMAND** window opens.

### Specifying a phone number

2. Say "Telephone Number".  
Say the number that you want to call.



**Note:** You have to say each number separately but you can say the numbers in blocks. For example, say "nine-four-three-three" for the number block 9433.

3. Wait for the numbers you said to appear.

Repeat steps 2 to 3 until the complete phone number is shown on the display. Say "Correction" if the last number you said was not understood correctly.

4. Say "Call".

The phone number will be dialled.

## Calling a contact from the phone book

2. Say "Phone Book".

3. Say the name of the contact you want to call.

If several entries are recognised as matching this name, a list with these entries will appear.

- ▶ Say the number in front of the contact that you want to call. If several phone numbers are saved for this contact, a list with these numbers will appear.
- ▶ Say the number in front of the phone number that you want to call. The connection will be established.



**Note:** The **Voice Command** function is not available for every language.

### 12.3.2 Dialling a telephone number

1. Tap in the **HANDSFREE MODULE** window on the Keyboard button. The **TELEPHONE NUMBER** window opens.
2. Enter the desired telephone number.
3. Tap on the Call button.

### 12.3.3 Dialling a Speed Call number

You can configure 4 Speed Call buttons.

- ▶ Tap in the **HANDSFREE MODULE** window on the corresponding Speed Call button.



**Note:** If no number has been entered for the Speed Call button selected or if no Bluetooth connection has been established to a mobile phone, the **MODIFY PRESET** window will open.

For more details refer to the chapter "Preset" on page 98.

### 12.3.4 Calling a contact from the phone book

If the **NAVIGON 8410** is connected to a mobile phone whose phone book was already imported, you can also dial numbers from the phone book.

1. In the **HANDSFREE MODULE** window tap on Phone Book.

If the phone book of the connected phone was not yet imported, the import will be started now; refer to "Import Phone Book" on page 92.

2. Select from the phone book the contact you want to call.

3. Tap on  (OK).

The **SELECTED PHONE BOOK ENTRY** window opens. It shows all the phone numbers and addresses which have been saved for the selected contact.

4. Tap on the  (Call) button alongside the phone number you want to dial.

### 12.3.5 Calling most recently dialled, received or missed numbers

---



**Note:** The **RECENT CALLS** list contains outgoing, incoming and unanswered calls. Incoming and unanswered calls can be dialled only if the caller's number was transmitted.

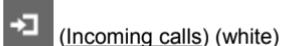
1. Tap in the **HANDSFREE MODULE** window on the Recent Calls button.

- If the recent calls on the connected phone were not yet imported, the import will be started now; refer to "Import recent calls" on page 93.

The **RECENT CALLS** list opens. The entries are sorted chronologically; the symbols to the right of the entry indicate the type of call:



(Missed calls) (orange)



(Incoming calls) (white)



(Outgoing calls)

2. Tap on the entry you want.



**Note:** The **RECENT CALLS** list is available to the hands-free module only for as long as the hands-free module is connected to the mobile phone. It is updated automatically each time it is opened.

---

### 12.3.6 Transferring a call from your mobile telephone

The **NAVIGON 8410** takes calls automatically from the mobile phone as soon as a Bluetooth connection is established between the two devices.

## 12.4 During a call

You are calling using the hands-free module. The **CALL IN PROGRESS** window is open.

### 12.4.1 Moving the navigation application to the foreground

You can move the navigation application to the foreground at any time. In this way you can have the map with the navigation instructions in the foreground during a call when the **NAVIGON 8410** is in the process of navigating.

- ▶ Tap on the  (Navigation) button.

While a call is in progress, the  (Call in Progress) symbol is visible in the top right corner of the display.

- ▶ Tap on the  button (Phone) in order to open the **CALL IN PROGRESS** window again.

### 12.4.2 Entering numbers

You can enter numbers during a call. This may be the case, for example, if a further connection via a telephone system is necessary.

1. Tap on Keyboard.
2. Enter the desired numbers.
3. Tap on  (Back) in order to open the **CALL IN PROGRESS** window.

### 12.4.3 Muting the microphone

During the call, you can mute the microphone so that you can talk to someone without the interlocutor hearing.

- ▶ In the **CALL IN PROGRESS** window, tap on  (Muting) to switch off the microphone.

The person on the other end of the line can no longer hear you. The modified symbol on the button indicates this.

- ▶ Tap on  (Muting) to switch the microphone on again.

#### 12.4.4 Transferring a call to the mobile phone

- ▶ In the **CALL IN PROGRESS** window, tap on Options > Use Mobile Phone.

You can now continue the call from your mobile phone.

#### 12.4.5 Ending the call

- ▶ Tap in the **CALL IN PROGRESS** window on the Hang up button in order to end the call.

### 12.5 Useful functions

#### 12.5.1 Navigating to a contact from the phone book

You can also use the address of a contact in the phone book as a destination for the navigation system.

1. In the **HANDSFREE MODULE** window tap on Phone Book.
2. Select from the phone book the contact you want to navigate to.
3. Tap on  (OK).

The **SELECTED PHONE BOOK ENTRY** window opens. It shows up to two addresses and up to four phone numbers which have been saved for the selected contact.

4. Tap on the  (Start Navigation) button alongside the address you want to navigate to.



You can also select addresses from the phone book in the navigation software to act as destinations. For more details refer to the chapter "Imported Addresses from the phone book" on page 40.

### 12.6 Configuring the hands-free function

The hands-free module of the **NAVIGON 8410** contains a number of settings that can be individually configured.



For information about configuring the settings in this window refer to "Configuring the NAVIGON 8410" on page 100.

#### 12.6.1 Preset

The hands-free module of the **NAVIGON 8410** contains four Speed Call buttons that can be individually configured.

1. In the **HANDSFREE MODULE** window, tap on Options > Modify Preset.  
The **RESET** window opens.

2. Tap on the  (Edit) button to the right of the Speed Call you want to define.

The **MODIFY PRESET** window opens.

### Entering a new Speed Call number or editing an existing Speed Call number

3. Tap on the  (Modify Preset) button.
4. Enter the name and the number for the selected Speed Call button or edit the existing name and number.
5. Tap on OK.

### Adopting a number from the phone book of the mobile phone

3. Tap on the From the phone book button. This button is deactivated when there is no connection to a mobile phone.
4. Enter the name of the contact you want to adopt for the Speed Call.
5. Tap on  (OK).

The **SELECT PHONE NUMBER** window opens. It shows all the phone numbers saved for the selected contact.

6. Tap on the phone number you want to use for the Speed Call.

### Deleting a Speed Call number

3. Tap on the  (Delete) button.
4. Confirm that you want to delete the Speed Call number.

The **PRESET** window opens again. No phone numbers and no name exist any longer for the selected Speed Call button.

## 12.6.2 Settings

In the **SETTINGS** window you can configure the settings for the phone functions of the hands-free module of your **NAVIGON 8410**.

- In the **HANDSFREE MODULE** window, tap on Options > Settings.  
The **SETTINGS** window opens.

**Volume of the Phone Call:** The volume of the phone call can be controlled independently of the volume of the navigation application.

**Volume of the Ring Tone:** The volume of the ring tone can be controlled independently of the volume of the navigation application.

**Bluetooth Function:** Select whether you want to activate the Bluetooth function (Yes or No).

The hands-free module cannot connect to a mobile phone or headset if the Bluetooth function is deactivated.

Discoverable by Others: Select whether other Bluetooth-capable devices (in particular mobile phones) should be able to detect the **NAVIGON 8410** (Yes or No).

Others May Connect: Select whether other devices should be able to initiate a connection (Yes or No).

Reconnect Automatically: Select whether the connection to the last connected phone is to be restored automatically (Yes or No) as soon it comes within range again.



**Note:** In order for the last connection to be restored without further questioning, the navigation device must be saved in your mobile phone as "authorised" or "authorised device" (the exact wording can vary from manufacturer to manufacturer).



**Note:** The Discoverable by Others and Others May Connect settings are effective only when the Bluetooth function is activated.

A Bluetooth connection can be established from the mobile phone only when Yes is selected for both settings.

## 13 Configuring the NAVIGON 8410

The **SETTINGS** window is the starting point for customising the **NAVIGON 8410** to match your personal preferences.

Settings can be accessed via the options in the **NAVIGATION** window and via the options in many windows of the navigation application.

- ▶ Tap on Options > Settings.

The **SETTINGS** window of the navigation application has several buttons: Navigation, Route Profile, Map Display and General.

- ▶ Tap on a button to open the corresponding settings window.

The settings of the individual windows are distributed over several screen pages. You can use the



(To the Left) and



(To the Right) buttons to toggle between these pages.

Some settings can have only one of two values. These settings can be recognised by the  (Toggle) button. All possible values are visible. The currently valid value is highlighted in white.

- ▶ Tap on  (Toggle) in order to switch between the possible values.

Some settings can adopt many different values. These settings can be recognised by the  (List) button. The current value is visible.

1. Tap on  (List).

A list with all possible values opens. The currently valid value is marked.

2. Tap on the value you want. It is now marked.
3. Tap on OK.

The list closes. The new value is indicated.

For each setting there is a  (Help) button. When you tap on it you will see an exact definition of the setting in question.

You can close the settings windows in two ways:

- ▶ Tap on OK.  
Any changes you have made will be adopted.
- ▶ Tap on Cancel.  
Any changes you have made will not be adopted.

## 14 Appendix

### 14.1 Technical data

Dimensions	138 x 83.5 x 18.7 mm	
Weight	approx. 225 g	
Operating conditions	Operating temperature	-10°C to 60°C (14°F to 140°F)
	Storage temperature	-20°C to 60°C (-4°F to 140°F)
	Humidity	0% to 90%, non-precipitating
CPU	SiRF SiRFprima 600 MHz	
Operating system	Microsoft Windows CE	
Display	5" LCD colour display with capacitive touch-panel, 400 cd/m <sup>2</sup> , 300:1, 480 x 272 pixel (WQVGA)	
Memory	Flash	4 GB
	RAM	256 MB
GPS	Yes (SiRF GRF3i+)	
	Built-in antenna	
	MMCX socket for external antenna	
TMC	Yes (SiLabs 4709)	
Device keys	1 (On/Off)	
I/O	Keyboard	Software keyboard
	Loudspeaker	Yes
	Microphone	Yes
	Headset	3.5 mm phone jack
	Memory card	microSD
	USB (2 ports)	1 x USB 2.0 1 x USB 2.0 HS OTG
	Bluetooth	Integrated (CSR Bluecore BC05MM) With echo suppression
	Power supply	Via USB socket
	Battery	Sony LiPo, 1410 mAh
Charging	Electronic	Integrated
Mains adapter	Input	100-240V ~ (alternating current, AC)
	Output	5V / 1A = (direct current, DC)
	Operating temperature	-10°C to 40°C (14°F to 104°F)
Car charger cable	Input	10-24V = (direct current, DC)
	Output	5V / 1A = (direct current, DC)

## 14.2 NAVIGON – Licensing Policy

### § 1 Scope of Regulations

This Agreement regulates the relations between the user and NAVIGON AG, Schottmuellerstrasse 20 A, 20251 Hamburg, developer and proprietor of the exclusive utilization rights to the NAVIGON software ("Software") as specified in the order. Subject matter of this Agreement shall be deemed to be copyright interests.

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## **§ 6 Manifold Deployment and Network Integration**

- (1) The user may use the Software on any hardware available to it. However, in the event that the user should replace the hardware, it is obliged to delete the Software from the hardware utilized up till then. Any isochronous storage, keeping in stock or operation on more than only one hardware unit is not permissible.
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- (3) If legally permissible, the Parties agree that the laws of the Federal Republic of Germany shall apply to all legal relations arising from these contractual relations, under exclusion of UN Purchase Law.
- (4) If the user should be a businessman within the meaning of the Commercial Code, legal entity under public law or special assets under public law, all disputes which may arise in connection with the accomplishment of these contractual regulations shall fall under the jurisdiction of Hamburg.

## 14.3 Identification and serial number

The navigation system comes with various identification labels (e.g. CE label, serial number, ...). (Examples: CE mark, serial number, ...) These identification labels can be found on the back of the device under a cover in the middle of the recess for the cradle. On this cover is the NAVIGON logo.

If you need to see any of these labels, proceed as follows:

1. Insert a finger-nail in the recess on the top of the cover.
2. Pull the cover off the device.

To replace the cover:

1. Place the cover correctly in position.
2. Push the cover firmly against the device until it latches home in all corners.

## 14.4 Declaration of conformity

The **NAVIGON 8410** described in this manual bears the CE label among others.

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/ECC), the Electromagnetic Compatibility Directive (89/336/ECC) and the Low Voltage Directive (73/23/ECC) – as amended by Directive 93/68/ECC – issued by the European Community Commission.

Compliance with these directives implies conformity with the following European Standards:

EN 300328 V 1.7.1, EN 300440 V 1.1.2, EN 301489-1 V 1.6.1,  
EN 301489-3 V 1.4.1, EN 301489-17 V 1.2.1, EN 50332-2: 2003,  
EN 50371: 2002, EN 55022: 2006, Class B,  
EN 55024: 1998 + A1: 2001 + A2: 2003,  
EN 60950-1: 2001 + A11: 2004, EN 61000-3-2: 2006, Class D,  
EN 61000-3-3: 1995 + A1: 2001 + A2: 2005,  
EN 61000-4-2: 1995 + A1: 1998 + A2: 2000,  
EN 61000-4-3: 2002 + A1: 2002, EN 61000-4-4: 2004,  
EN 61000-4-5: 1995 + A1: 2000, EN 61000-4-6: 1996 + A1: 2000,  
EN 61000-4-8: 1993 + A1: 2000, EN 61000-4-11: 2004

The manufacturer is not liable for modifications made by the user which may alter the device's conformity with the applicable directives and standards, nor for the consequences thereof.

## 15 Troubleshooting

In this chapter you will find solutions to problems which may arise during use of the **NAVIGON 8410**.

This list does not claim to be complete. Answers to many other questions can be found on the NAVIGON AG website. (Refer to "Questions about the product" on page 8)

**I have connected a charger to the NAVIGON 8410. A connection to a computer is shown on the display.**

- or -

**I have connected the NAVIGON 8410 to a computer but it is not detected as a removable disc.**

The USB connector of the charger is not fully inserted in the case.

1. Unplug the connector.

The navigation device will carry out a new start. Wait for the navigation software to be reloaded.

2. Without delay, insert the USB connector from the charger into the corresponding socket of the **NAVIGON 8410** as far as it will go. (Refer to "Description of the NAVIGON 8410" on page 9)

The USB connector is not connected correctly. See above.

**My NAVIGON 8410 makes no response any longer, the screen is frozen.**

Perform a reset. This can be done in two ways:

- Use a thin object to press the Reset key. (Refer to "Description of the NAVIGON 8410" on page 9)

- or -

1. Press the  (On/Off) switch for at least 6 seconds.

The device is now deactivated.

2. Press the  (On/Off) key and keep it pressed until the device switches on again. (Approx. 2 seconds)

The software will be restarted. Your settings and your saved destinations and routes will be retained.

**It seems to me that the battery of my NAVIGON 8410 becomes flat relatively quickly when the device is not connected to an external power supply.**

Some settings can be configured so that energy consumption is minimised.

1. In the **NAVIGATION** window tap on Options > Settings > General.
2. Set the values for Brightness Day and Brightness Night as low as possible.
3. Set Use Voice Command to Entering Addresses.
4. Tap on OK.

5. Tap on  (Phone).
6. Tap on Settings > Bluetooth Settings.
7. Set Bluetooth Function to No.
8. Tap on OK.
9. Tap on  (Navigation).

The **NAVIGATION** window is now open again.

#### I have accidentally activated demo mode.

If you have accidentally activated demo mode when you start the navigation application for the first time, you can deactivate it again as follows:

1. In the **NAVIGATION** window, tap on Options > Settings.  
The **SETTINGS** window is opened.
2. Tap on Options > Factory Settings.  
You will be prompted to confirm that you want the device reset to the as-delivered state.
3. Tap on the Yes button.  
The software is re-started and behaves as if started for the first time after being purchased (refer to "Switching on the NAVIGON 8410" on page 16).  
Start the navigation software and set the Start in Demo Mode setting to No. (Refer to "Starting the navigation application" on page 26)

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**Note:** Use only accessories which are recommended by NAVIGON expressly for the **NAVIGON 8410**. NAVIGON AG accepts no liability for errors or damages resulting from the use of other accessories.

For suitable accessories go to [www.navigon.com](http://www.navigon.com) or your authorised dealer.

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